Korea Laboratory Accreditation Scheme

CERTIFICATE OF ACCREDITATION

KOTITI Testing & Research Institute

Accreditation No. : KT003

Corporation Registration No. : 114621-0000659

Address of Laboratory : (Branch site)111, Sagimakgol-ro, Jungwon-gu, Seongnam-si, Gyeonggi-do, Republic of Korea

Date of Initial Accreditation : April 02, 1994

Validity of Accreditation : January 19, 2023 ~ January 18, 2027

Scope of Accreditation : Attached Annex

Date of issue : February 08, 2023

This testing laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to Joint ISO-ILAC-IAF Communiqué).

Sanghoon Lee

Head
Korea Laboratory Accreditation Scheme

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01. Mechanical Testing

01.002 Textiles and Related Products

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
16 CFR Part 1610:2021	Textile and related products	Standard for the flammability of clothing textiles	0.1 s or more	BS	N
16 CFR Part 1615:2021	Textile and related products	Standard for the flammability of children's sleepwear: Sizes 0 through 6X(FF 3-71)	(0 ~ 25.4) cm	BS	N
16 CFR Part 1616:2021	Textile and related products	Standard for the flammability of children's sleepwear: Sizes 7 through 14(FF 5-74)	(0 ~ 25.4) cm	BS	N
AATCC TM124-2018t	Textile and related products	Test Method for Smoothness Appearance of Fabrics after Home Laundering	(1 ~ 5) grade	BS	N
AATCC TM127-2017(2018)e	Textile and related products	Test Method for Water Resistance: Hydrostatic Pressure	(0 ~ 2 000) mbar	BS	N
AATCC TM135-2018t	Textile and related products	Test Method for Dimensional Changes of Fabrics after Home Laundering	(-100 ~ +100) %	BS	N
AATCC TM143-2018t	Textile and related products	Test Method for Appearance of Apparel and Other Textile End Products after Home Laundering	(1 ~ 5) grade	BS	N
AATCC TM150-2018t	Textile and related products	Test Method for Dimensional Changes of Garments after Home Laundering	(-100 ~ +100) %	BS	N
AATCC TM158-1978e10(2016)e	Textile and related products	Test Method for Dimensional Changes on Drycleaning in Perchloroethylene : Machine	(-100 ~ +100) %	BS	N
AATCC TM22-2017e	Textile and related products	Test Method for Water Repellency: Spray	(0 ~ 100) grade	BS	N
AATCC TM35-2018e02	Textile and related products	Test Method for Water Resistance: Rain	0 g or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
AATCC TM66-2017	Textile and related products	Test Method for Wrinkle Recovery of Woven Fabrics: Recovery Angle	(0 ~ 180)°	BS	N
AS 2001.2.10-1986	Textile and related products	Methods of test for textiles, Part 2.10: Physical tests - Determination of the tear resistance of woven textile fabrics by the wing-rip method	(0 ~ 30) kN	BS	N
AS 2001.2.12-1987	Textile and related products	Methods of test for textiles, Part 2.12: Physical tests - Determination of width of fabric.	1 mm or more	BS	N
AS 2001.2.13-1987	Textile and related products	Methods of test for textiles, Part 2.13: Physical tests - Determination of mass per unit area and mass per unit length of fabrics.	0.1 g/㎡ or more	BS	N
AS 2001.2.14-1987	Textile and related products	Methods of test for textiles, Part 2.14 : Physical tests - Determination of twist in yarns	0.1 turns/m or more	BS	N
AS 2001.2.15-1989	Textile and related products	Methods of test for textiles , Method 2.15: Physical tests - Determination of thickness of textile fabrics	0.01 mm or more	BS	N
AS 2001.2.17-1987	Textile and related products	Methods of test for textiles , Part 2.17: Physical tests - Determination of resistance of fabrics to water penetration - Hydrostatic pressure test	(0 ~ 200) kPa	BS	N
AS 2001.2.19-1988	Textile and related products	Methods of test for textiles , Part 2.19: Physical tests - Determination of bursting force of textile fabrics - Ball burst method	(0 ~ 30) kN	BS	N
AS 2001.2.20-2004	Textile and related products	Methods of test for textiles , Method 2.20: Physical tests - Determination of seam breaking force	(0 ~ 30) kN	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
AS 2001.2.22-2006	Textile and related products	Methods of test for textiles , Method 2.22: Physical tests - Determination of yarn slippage in woven fabric at a standard stitched seam	(0 ~ 30) kN	BS	N
AS 2001.2.23-1990	Textile and related products	Methods of test for textiles, Method 2.23: Physical tests - Determination of linear density of textile yarn from packages	0.1 Ne or more	BS	N
AS 2001.2.25.1-2006	Textile and related products	Methods of test for textiles , Method 2.25.1: Physical tests - Determination of the abrasion resistance of fabrics by the Martindale method - Martindale abrasion testing apparatus	1 rub or more	BS	N
AS 2001.2.25.2-2006	Textile and related products	Methods of test for textiles , Method 2.25.2: Physical tests - Determination of the abrasion resistance of fabrics by the Martindale method - Determination of specimen breakdown	1 rub or more	BS	N
AS 2001.2.25.3-2006	Textile and related products	Methods of test for textiles, Method 2.25.3: Physical tests - Determination of the abrasion resistance of fabrics by the Martindale method - Determination of mass loss	(0 ~ 100) %	BS	N
AS 2001.2.25.4-2006	Textile and related products	Methods of test for textiles , Method 2.25.4: Physical tests - Determination of the abrasion resistance of fabrics by the Martindale method - Assessment of appearance change	(1 ~ 5) grade	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
AS 2001.2.26-1990	Textile and related products	Methods of test for textiles , Method 2.26 : Physical tests - Determination of abrasion resistance of textile fabrics (flexing and abrasion method)	1 cycle or more	BS	N
AS 2001.2.27-1990	Textile and related products	Methods of test for textiles , Method 2.27: Physical tests - Determination of abrasion resistance of textile fabrics (inflated diaphragm method)	1 cycle or more	BS	N
AS 2001.2.28-1992	Textile and related products	Methods of test for textiles , Method 2.28: Physical tests - Determination of abrasion resistance of textile fabrics (rotary platform, Double-head method)	1 cycle or more	BS	N
AS 2001.2.3.1-2001	Textile and related products	Methods of test for textiles, Method 2.3.1: Physical tests - Determination of maximum force and elongation at maximum force using the strip method.	(0 ~ 30) kN, 0.1 % or more	BS	N
AS 2001.2.3.2-2001	Textile and related products	Methods of test for textiles, Method 2.3.2: Physical tests - Determination of maximum force using the grab method. (ISO 13934-2:1999 , MOD)	(0 ~ 30) kN	BS	N
AS 2001.2.34-1990	Textile and related products	Methods of test for textiles, Method 2.34: Physical tests - Determination of permeability of fabrics to air.	0.1 mm/s or more	BS	N
AS 2001.2.4-1990	Textile and related products	Methods of test for textiles -, Method 2.4: Physical tests - Determination of bursting pressure of textile fabrics - Hydraulic diaphragm method	(0 ~ 1 378) kPa	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
AS 2001.2.5-1991	Textile and related products	Methods of test for textiles, Method 2.5: Physical tests - Determination of the number of threads per unit length in woven fabric	1 thread/cm or more	BS	N
AS 2001.2.6-2001	Textile and related products	Methods of test for textiles, Method 2.6: Physical tests - Determination of the number of wales and courses per unit length in knitted fabric.	1 thread/cm or more	BS	N
AS 2001.2.8-2001	Textile and related products	Methods of test for textiles, Method 2.8: Physical tests - Determination of tear force of fabrics using the ballistic pendulum method (Elmendorf)	(0 ~ 62) N	BS	N
AS 2001.5.4-2005	Textile and related products	Methods of test for textiles Dimensional change - Domestic washing and drying procedures for textile testing (ISO 6330:2000, MOD)	(-100 ~ +100) %	BS	N
ASTM D1230-22	Textile and related products	Standard Test Method for Flammability of Apparel Textiles	0.1 s or more	BS	N
ASTM D1422/1422M-13	Textile and related products	Standard Test Method for Twist in Single Spun Yarns by the Untwist - Retwist Method	0.1 tpm or more	BS	N
ASTM D1423/D1423M-16	Textile and related products	Standard Test Method for Twist in Yarns by Direct - Counting	0.1 tpm or more	BS	N
ASTM D1424-21	Textile and related products	Standard Test Method for Tearing Strength of Fabrics by Falling-Pendulum (Elmendorf-Type) Apparatus	(0 ~ 62) N	BS	N
ASTM D1518-14	Textile and related products	Standard Test Method for Thermal Resistance of Batting Systems Using a Hot Plate	0.01 clo or more	BS	N
ASTM D1578-93(2022)	Textile and related products	Standard Test Method for Breaking Strength of Yarn in Skein Form	(0 ~ 500) N, 0.1 % or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
ASTM D1683/D1683M-22	Textile and related products	Standard Test Method for Failure in Sewn Seams of Woven Apparel Fabrics	(0 ~ 30) kN	BS	N
ASTM D1777-96	Textile and related products	Standard Test Method for Thickness of Textile Materials	0.01 mm or more	BS	N
ASTM D1907/D1907M-12(2018)	Textile and related products	Standard Test Method for Linear Density of Yarn (Yarn Number) by the Skein Method	0.1 tex or more	BS	N
ASTM D204-02(2021)	Textile and related products	Standard Test Methods for Sewing Threads	(0 ~ 500) N, 0.1 % or more	BS	N
ASTM D2256/D2256M-21	Textile and related products	Standard Test Method for Tensile Properties of Yarns by the Single - Strand Method	(0 ~ 500) N, 0.1 % or more	BS	N
ASTM D2261-13	Textile and related products	Standard Test Method for Tearing Strength of Fabrics by the Tongue (Single Rip) Procedure (Constant-Rate-of-Extension Tensile Testing Machine)	(0 ~ 30) kN	BS	N
ASTM D2495-07	Textile and related products	Standard Test Method for Moisture in Cotton by Oven - Drying	(0 ~ 20) %	BS	N
ASTM D3511/D3511M-16	Textile and related products	Standard Test Method for Pilling Resistance and Other Related Surface Changes of Textile Fabrics : Brush Pilling Tester	(1 ~ 5) grade	BS	N
ASTM D3512/D3512M-16	Textile and related products	Standard Test Method for Pilling Resistance and Other Related Surface Changes of Textile Fabrics : Random Tumble Pilling Tester	(1 ~ 5) grade	BS	N
ASTM D3774-18	Textile and related products	Standard Test Method for Width of Textile Fabric	1 mm or more	BS	N
ASTM D3775-17e1	Textile and related products	Standard Test Method for End (Warp) and Pick (Filling) Count of Woven Fabrics	1 yarn/cm(in) or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
ASTM D3776/D3776M-20	Textile and related products	Standard Test Methods for Mass Per Unit Area (Weight) of Fabric	0.1 g/㎡ or more	BS	N
ASTM D3786/D3786M-18	Textile and related products	Standard Test Method for Bursting Strength of Textile Fabrics - Diaphragm Bursting Strength Tester Method	(0 ~ 1 378) kPa	BS	N
ASTM D3884-22	Textile and related products	Standard Guide for Abrasion Resistance of Textile Fabrics (Rotary Platform, Double-Head Method)	1 cycle or more, (0 ~ 100) %	BS	N
ASTM D3885-07a	Textile and related products	Standard Test Method for Abrasion Resistance of Textile Fabrics (Flexing and Abrasion Method)	1 cycle or more	BS	N
ASTM D3886-22	Textile and related products	Standard Test Method for Abrasion Resistance of Textile Fabrics (Inflated Diaphragm Apparatus)	1 cycle or more, (1 ~ 5) grade	BS	N
ASTM D4522-14	Textile and related products	Standard Performance Specification for Feather and Down Fillings for Textile Products	-	BS	N
ASTM D4524-20	Textile and related products	Standard Test Method for Composition of Plumage	(0 ~ 100) %	BS	N
ASTM D4966-12	Textile and related products	Standard Test Method for Abrasion Resistance of Textile Fabrics (Martindale Abrasion Tester Method)	1 rub or more	BS	N
ASTM D4970/D4970M-16e3	Textile and related products	Standard Test Method for Pilling Resistance and Other Related Surface Changes of Textile Fabrics : Martindale Tester	(1 ~ 5) grade	BS	N
ASTM D5034-21	Textile and related products	Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test)	(0 ~ 30) kN, 0.1 % or more	BS	N
ASTM D5035-11	Textile and related products	Standard Test Method for Breaking Force and Elongation of Textile Fabrics (Strip Method)	(0 ~ 30) kN, 0.1 % or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
ASTM D5587-15(2019)	Textile and related products	Standard Test Method for Tearing Strength of Fabrics by Trapezoid Procedure	(0 ~ 30) kN	BS	N
ASTM D6797-15	Textile and related products	Standard Test Method for Bursting Strength of Fabrics Constant-Rate-of-Extension (CRE) Ball Burst Test	(0 ~ 30) kN	BS	N
ASTM D737-18	Textile and related products	Standard Test Method for Air Permeability of Textile Fabrics	0.1 ㎤/(㎠·s) or more	BS	N
ASTM D751-19	Textile and related products	Standard Test Methods for Coated Fabrics	1 mm or more, (0 ~ 30) kN, 0.01 mm or more, (0 ~ 100) %, "passed" or "failed", (0 ~ 827) kPa	BS	N
AWEX TM 30-2000	Textile and related products	Determining the breaking load of woven wool pack fabrics	(0 ~ 30) kN, 0.1 % or more	BS	N
AWEX TM 31-2000	Textile and related products	Determining the seam strength & extension of woven wool packs	(0 ~ 30) kN, 0.1 % or more	BS	N
AWEX TM 32-2000	Textile and related products	Determining the tear strength of woven wool packs	(0 ~ 30) kN	BS	N
AWEX TM 33-2000	Textile and related products	Determining the stability of synthetic wool pack fabric to ultraviolet radiation	(0 ~ 30) kN, 0.1 % or more	BS	N
AWEX TM 35-2000	Textile and related products	Determining the surface frictional properties of wool pack fabrics	0.1 N or more	BS	N
AWEX TM 36-2000	Textile and related products	Determining the adhesion of wool to anti-slip coating	Visual assessment(Meet, Not meet)	BS	N
AWEX TM 38-2000	Textile and related products	Determining the extensibility under load of woven wool pack fabrics	(0 ~ 30) kN, 0.1 % or more	BS	N
BS 1932-2:1989	Textile and related products	Testing the strength of yarns and threads from packages. Methods for determination of knot strength and loop strength	(0 ~ 500) N	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
BS 2471:2005	Textile and related products	Textiles. Woven fabrics. Determination of mass per unit length and mass per unit area	0.1 g/㎡ or more	BS	N
BS 3424-26:1990	Textile and related products	Testing coated fabrics. Methods 29A, 29B, 29C and 29D. Methods for determination of resistance to water penetration and surface wetting	(0 ~ 200) kPa	BS	N
BS 5438:1976	Textile and related products	Methods of test for flammability of vertically oriented textile fabrics and fabric assemblies subjected to a small ignition flame	0.1 s or more	BS	N
BS 5651:1978	Textile and related products	Cleansing and wetting procedures for use in the assessment of the effect of cleansing and wetting on the flammability of textile fabric assemblies	0.1 s or more	BS	N
BS EN 1049-2:1994	Textile and related products	Textiles. Woven fabrics. Construction. Methods of analysis. Determination of number of threads per unit length	1 thread/cm or more	BS	N
BS EN 1773:1997	Textile and related products	Textiles - Fabrics - Determination of width and length	1 mm or more	BS	N
BS EN 22313:1992	Textile and related products	Textiles fabrics. Determination of the recovery from creasing of a horizontally folded specimen by measuring the angle of recovery	(0 ~ 180)°	BS	N
BS EN ISO 12945-1:2020	Textile and related products	Textiles. Determination of fabric propensity to surface pilling, fuzzing or matting. Pilling box method	(1 ~ 5) grade	BS	N
BS EN ISO 12945-2:2020	Textile and related products	Textiles. Determination of fabric propensity to surface pilling, fuzzing or matting. Modified Martindale method	(1 ~ 5) grade	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
BS EN ISO 12947-1:1998	Textile and related products	Textiles. Determination of the abrasion resistance of fabrics by the Martindale method. Martindale abrasion testing apparatus	-	BS	N
BS EN ISO 12947-2:2016	Textile and related products	Textiles. Determination of the abrasion resistance of fabrics by the Martindale method. Determination of specimen breakdown	1 rub or more	BS	N
BS EN ISO 12947-3:1998	Textile and related products	Textiles. Determination of the abrasion resistance of fabrics by the Martindale method. Determination of mass loss	0.1 mg or more	BS	N
BS EN ISO 12947-4:1998	Textile and related products	Textiles. Determination of the abrasion resistance of fabrics by the Martindale method. Assessment of appearance change	(1 ~ 5) grade	BS	N
BS EN ISO 13934-1:2013	Textile and related products	Textiles. Tensile properties of fabrics. Determination of maximum force and elongation at maximum force using the strip method	(0 ~ 30) kN, 0.1 % or more	BS	N
BS EN ISO 13936-1:2004	Textile and related products	Textiles. Determination of the slippage resistance of yarns at a seam in woven fabrics. Fixed seam opening method	(0 ~ 30) kN	BS	N
BS EN ISO 13937-1:2000	Textile and related products	Textiles. Tear properties of fabrics. Determination of tear force using ballistic pendulum method (Elmendorf)	(0 ~ 62) N	BS	N
BS EN ISO 13938-1:2019	Textile and related products	Textiles. Bursting properties of fabrics. Hydraulic method for determination of bursting strength and bursting distension	(0 ~ 1 378) kPa	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
BS EN ISO 13938-2:2019	Textile and related products	Textiles. Bursting properties of fabrics. Pneumatic method for determination of bursting strength and bursting distension	(0 ~ 1 378) kPa	BS	N
BS EN ISO 2061:2015	Textile and related products	Textiles. Determination of twist in yarns. Direct counting method	0.1 turns/m or more	BS	N
BS EN ISO 2062:2009	Textile and related products	Textiles. Yarns from packages. Determination of single-end breaking force and elongation at break using constant rate of extension (CRE) tester	(0 ~ 500) N	BS	N
BS EN ISO 3175-1:2018	Textile and related products	Textiles. Professional care, drycleaning and wetcleaning of fabrics and garments. Assessment of performance after cleaning and finishing	(1 ~ 5) grade	BS	N
BS EN ISO 3175-2:2018	Textile and related products	Textiles. Professional care, drycleaning and wetcleaning of fabrics and garments. Procedure for testing performance when cleaning and finishing using tetrachloroethene	(1 ~ 5) grade	BS	N
BS EN ISO 4920:2012	Textile and related products	Textiles. Determination of resistance to surface wetting (spray test)	(1 ~ 5) grade	BS	N
BS EN ISO 5084:1997	Textile and related products	Textiles - Determination of thickness of textiles and textile products	0.01 mm or more	BS	N
BS EN ISO 6330:2021	Textile and related products	Textiles. Domestic washing and drying procedures for textile testing	-	BS	N
BS EN ISO 811:2018	Textile and related products	Textiles. Determination of resistance to water penetration. Hydrostatic pressure test	(0 ~ 2 000) cmH_2O	BS	N
BS EN ISO 9073-2:1997	Textile and related products	Textiles. Test methods for nonwovens. Determination of thickness	0.01 mm or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
BS EN ISO 9237:1995	Textile and related products	Textiles. Determination of the permeability of fabrics to air	0.1 mm/s or more	BS	N
BS ISO 7211-4:1984	Textile and related products	Textiles. Woven fabrics. Construction. Methods of analysis. Determination of twist in yarn removed from fabric	0.1 turns/m or more	BS	N
BS ISO 7211-5:2020	Textile and related products	Textiles. Methods of analysis of woven fabrics construction. Determination of linear density of yarn removed from fabric	0.1 tex or more	BS	N
CAN/CGSB-4.2 No. 12.1-2016	Textile and related products	Textile Test Methods - Tearing Strength - Single-Rip Method	(0 ~ 30) kN	BS	N
CAN/CGSB-4.2 No. 58-2019	Textile and related products	Textile Test Methods - Dimensional Change in Domestic Laundering of Textiles	(-100 ~ +100) %	BS	N
CAN/CGSB-4.2 No. 8.2-2016/ISO 2061:2010	Textile and related products	Textile test methods Textiles — Determination of twist in yarns — Direct counting method (ISO 2061:2010, IDT)	0.1 turns/m or more	BS	N
CPAI 84-2021	Textile and related products	A specification for flame-resistant materials used in camping tentage	0.1 s or more, (0 ~ 300) mm	BS	N
DIN 53863-2:1979-02	Textile and related products	Testing of textiles ; abrasion test methods for textile fabrics, rotary abrasion test.	1 cycle or more	BS	N
DIN EN 12127:1997	Textile and related products	Textiles - Fabrics - Determination of mass per unit area using small samples; German version EN 12127:1997	0.1 g/㎡ or more	BS	N
DIN EN 1773:1997	Textile and related products	Textiles - Fabrics - Determination of width and length; German version EN 1773:1996	1 mm or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
DIN EN 29073-3:1992	Textile and related products	Textiles; test method for nonwovens; part 3: determination of tensile strength and elongation (ISO 9073-3:1989); german version EN 29073-3:1992	(0 ~ 30) kN	BS	N
DIN EN ISO 13934-1:2013-08	Textile and related products	Textiles - Tensile properties of fabrics - Part 1: Determination of maximum force and elongation at maximum force using the strip method (ISO 13934-1:2013); German version EN ISO 13934-1:2013	(0 ~ 30) kN, 0.1 % or more	BS	N
DIN EN ISO 13934-2:2014-06	Textile and related products	Textiles - Tensile properties of fabrics - Part 2: Determination of maximum force using the grab method (ISO 13934-2:2014); German version EN ISO 13934-2:2014	(0 ~ 30) kN	BS	N
DIN EN ISO 13937-1:2000	Textile and related products	Textiles - Tear properties of fabrics - Part 1: Determination of tear force using ballistic pendulum method (Elmendorf) (ISO 13937-1:2000); English version of DIN EN ISO 13937-1	(0 ~ 62) N	BS	N
DIN EN ISO 15487:2018	Textile and related products	Textiles - Method for assessing appearance of apparel and other textile end products after domestic washing and drying (ISO 15487:2018)	(1 ~ 5) grade	BS	N
DIN EN ISO 2062:2010-04	Textile and related products	Textiles - Yarns from packages - Determination of single-end breaking force and elongation at break using constant rate of extension (CRE) tester (ISO 2062:2009); German version EN ISO 2062:2009	(0 ~ 500) N	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
DIN EN ISO 3175-1:2018	Textile and related products	Textiles - Professional care, drycleaning and wetcleaning of fabrics and garments - Part 1 : Assessment of performance after cleaning and finishing (ISO 3175-1:2017)	(1 ~ 5) grade	BS	N
DIN EN ISO 3175-2:2020	Textile and related products	Textiles - Professional care, drycleaning and wetcleaning of fabrics and garments - Part 2 : Procedure for testing performance when cleaning and finishing using tetrachloroethene (ISO 3175-2:2017,Corrected version 2019-12)	(1 ~ 5) grade	BS	N
DIN EN ISO 5077:2008	Textile and related products	Textiles - Determination of dimensional change in washing and drying [ISO 5077:2007]	(-100 ~ +100) %	BS	N
DIN EN ISO 5084:1996	Textile and related products	Textiles - Determination of thickness of textiles and textile products (ISO 5084:1996); German version EN ISO 5084:1996	0.01 mm or more	BS	N
DIN EN ISO 6330:2022	Textile and related products	Textiles - Domestic washing and drying procedures for textile testing [ISO 6330:2021]	-	BS	N
DIN EN ISO 811:2018	Textile and related products	Textiles - Determination of resistance to water penetration - Hydrostatic pressure test (ISO 811:2018)	(0 ~ 2 000) cmH_2O	BS	N
FZ/T 01030-2016	Textile and related products	Knitted fabric and elastic woven fabric - Determination of maximum force to seam rupture and bursting distension - Bursting method	(0 ~ 1 378) kPa	BS	N
FZ/T 01031-2016	Textile and related products	Knitted fabric and elastic woven fabric - Determination of maximum force to seam rupture and elongation - Grab method	(0 ~ 30) kN, 0.1 % or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
FZ/T 70006-2004	Textile and related products	Stretch and recovery testing method for knits	0.1 % or more	BS	N
FZ/T 70007-2015	Textile and related products	Method of test for determining the underarm seam strength of knitted garments	(0 ~ 30) kN	BS	N
FZ/T 70008-2012	Textile and related products	Test method for cover factor of wool knitted fabrics	0.1 or more	BS	N
FZ/T 70009-2021	Textile and related products	Test method for relaxation dimensional change and felting dimensional change to washing of wool textiles	(-100 ~ +100) %	BS	N
FZ/T 73007-2002	Textile and related products	Knitted Sportswear	(0 ~ 100) %	BS	N
FZ/T 80007.1-2006	Textile and related products	Test method of peeled off strength value for garments used adhesive interlining	(0 ~ 30) kN	BS	N
FZ/T 81014 Annex A-2008	Textile and related products	Snap and trim attachment strength testing method (Annex A) : Infants wear	(0 ~ 294) N	BS	N
GB/T 13769-2009	Textile and related products	Textiles - Method for assessing the smoothness appearance of fabrics after cleansing	(1 ~ 5) grade	BS	N
GB/T 13771-2009	Textile and related products	Textiles - Method for assessing the smoothness appearance of seams in fabrics after cleansing	(1 ~ 5) grade	BS	N
GB/T 13772.1-2008	Textile and related products	Textiles - Determination of the slippage resistance of yarns at a seam in woven fabrics - Part 1:Fixed seam opening method	(0 ~ 30) kN	BS	N
GB/T 13772.2-2018	Textile and related products	Textiles - Determination of the slippage resistance of yarns at a seam in woven fabrics - Part 2 : Fixed load method	(0 ~ 30) kN	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
GB/T 14272-2021	Textile and related products	Down garments	0.01 g or more	BS	N
GB/T 19976-2005	Textile and related products	Textiles - Determination of bursting strength - Steel ball method	(0 ~ 30) kN	BS	N
GB/T 3917.1-2009	Textile and related products	Textiles - Tear properties of fabrics - Part 1 : Determination of tear force using ballistic pendulum method (Elmendorf)	(0 ~ 62) N	BS	N
GB/T 3917.2-2009	Textile and related products	Textiles - Tear properties of fabrics - Part 2 : Determination of tear force of trouser-shaped test specimens (Single tear method)	(0 ~ 30) kN	BS	N
GB/T 3923.1-2013	Textile and related products	Textiles - Tensile properties of fabrics - Part 1 : Determination of maximum force and elongation at maximum force using the strip method	(0 ~ 30) kN	BS	N
GB/T 3923.2-2013	Textile and related products	Textiles - Tensile properties of fabrics - Part 2 : Determination of maximum force using the grab method	(0 ~ 30) kN	BS	N
GB/T 4802.1-2008	Textile and related products	Textiles - Determination of fabric propensity to surface fuzzing and to pilling - Part 1 : Circular locus method	(1 ~ 5) grade	BS	N
GB/T 4802.2-2008	Textile and related products	Textiles - Determination of fabric propensity to surface fuzzing and to pilling - Part 2 : Modified Martindale method	(1 ~ 5) grade	BS	N
GB/T 4802.3-2008	Textile and related products	Textiles - Determination of fabric propensity to surface fuzzing and to pilling - Part 3 : Pilling box method	(1 ~ 5) grade	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
GB/T 7742.1-2005	Textile and related products	Textiles - Bursting properties of fabrics - Part 1 : Hydraulic method for determination of bursting strength and bursting distension	(0 ~ 1 378) kPa	BS	N
IDFB Testing Regulation 2020	Textile and related products	Testing methods for feather and down Part 03 : Composition(Content analysis) Part 05 : Moisture contents Part 07 : Oxygen Number Part 10-B : Filling Power with Steam Conditioning Part 11-A : Turbidity with Automated NTU Meter Part 12 : Feather and Down Species Part 16 : Color Separation	(0 ~ 100) %, (0 ~ 100) %, 0.1 mg or more, 1 mm or more, 1 ㎤/(30 g) or more, 0.01 NTU or more, (0 ~ 100) %, (0 ~ 100) %	BS	N
ISO 10290:2018	Textile and related products	Textiles - Cotton yarns - Specifications	0.1 % or more	BS	N
ISO 12027:2012	Textile and related products	Textiles - Cotton-fibre stickiness - Detection of sugar by colour reaction	(A ~ E) grade	BS	N
ISO 12945-1:2020	Textile and related products	Textiles - Determination of fabric propensity to surface pilling, fuzzing or matting. - Part 1 : Pilling box method	(1 ~ 5) grade	BS	N
ISO 12945-2:2020	Textile and related products	Textiles - Determination of fabric propensity to surface pilling, fuzzing or matting. - Part 2 : Modified Martindale method	(1 ~ 5) grade	BS	N
ISO 12947-1:1998	Textile and related products	Textiles - Determination of the abrasion resistance of fabrics by the Martindale method - Part 1 : Martindale abrasion testing apparatus	-	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
ISO 12947-2:2016	Textile and related products	Textiles - Determination of the abrasion resistance of fabrics by the Martindale method - Part 2 : Determination of specimen breakdown	1 rub or more	BS	N
ISO 12947-3:1998	Textile and related products	Textiles - Determination of the abrasion resistance of fabrics by the Martindale method - Part 3 : Determination of mass loss	1 mg or more	BS	N
ISO 12947-4:1998	Textile and related products	Textiles - Determination of the abrasion resistance of fabrics by the Martindale method - Part 4 : Assessment of appearance change	(1 ~ 5) grade	BS	N
ISO 13934-1:2013	Textile and related products	Textiles - Tensile properties of fabrics - Part 1 : Determination of maximum force and elongation at maximum force using the strip method	(0 ~ 30) kN, 0.1 % or more	BS	N
ISO 13934-2:2014	Textile and related products	Textiles - Tensile properties of fabrics - Part 2 : Determination of maximum force using the grab method	(0 ~ 30) kN	BS	N
ISO 13935-1:2014	Textile and related products	Textiles - Seam tensile properties of fabrics and made-up textile articles - Part 1 : Determination of maximum force to seam rupture using the strip method	(0 ~ 30) kN	BS	N
ISO 13935-2:2014	Textile and related products	Textiles - Seam tensile properties of fabrics and made-up textile articles - Part 2 : Determination of maximum force to seam rupture using the grab method	(0 ~ 30) kN	BS	N
ISO 13937-1:2000	Textile and related products	Textiles - Tear properties of fabrics - Part 1 : Determination of tear force using ballistic pendulum method (Elmendorf)	(0 ~ 62) N	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
ISO 13937-2:2000	Textile and related products	Textiles - Tear properties of fabrics - Part 2 : Determination of tear force of trouser-shaped test specimens (Single tear method)	(0 ~ 30) kN	BS	N
ISO 13937-3:2000	Textile and related products	Textiles - Tear properties of fabrics - Part 3 : Determination of tear force of wing-shaped test specimens (Single tear method)	(0 ~ 30) kN	BS	N
ISO 13937-4:2000	Textile and related products	Textiles - Tear properties of fabrics - Part 4 : Determination of tear force of tongue-shaped test specimens (Double tear test)	(0 ~ 30) kN	BS	N
ISO 13938-1:2019	Textile and related products	Textiles - Bursting properties of fabrics - Part1 : Hydraulic method for determination of bursting strength and bursting distension	(0 ~ 1 378) kPa	BS	N
ISO 13938-2:2019	Textile and related products	Textiles - Bursting properties of fabrics - Part2 : Pneumatic method for determination of bursting strength and bursting distension	(0 ~ 1 378) kPa	BS	N
ISO 2060:1994	Textile and related products	Textiles - Yarn from packages - Determination of linear density (mass per unit length) by the skein method	0.1 tex or more	BS	N
ISO 2061:2015	Textile and related products	Textiles - Determination of twist in yarns - Direct counting method	0.1 turns/m or more	BS	N
ISO 2062:2009	Textile and related products	Textiles - Yarns from packages - Determination of single-end breaking force and elongation at break using constant rate of extension (CRE) tester	(0 ~ 500) N	BS	N
ISO 22198:2006	Textile and related products	Textiles - Fabrics - Determination of width and length	1 mm or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
ISO 2313:1972	Textile and related products	Textiles - Determination of the recovery from creasing of horizontally folded specimen of fabric by measuring the angle of recovery	(0 ~ 180)°	BS	N
ISO 3175-1:2017	Textile and related products	Textiles - Professional care, drycleaning and wetcleaning of fabrics and garments - Part 1 : Assessment of performance after cleaning and finishing	(1 ~ 5) grade	BS	N
ISO 3175-2:2017	Textile and related products	Textiles - Professional care, drycleaning and wetcleaning of fabrics and garments - Part 2: Procedure for testing performance when cleaning and finishing using tetrachloroethene	(1 ~ 5) grade	BS	N
ISO 3801:1977	Textile and related products	Textiles - Woven fabrics - Determination of mass per unit length and mass per unit area	0.1 g/㎡ or more	BS	N
ISO 4920:2012	Textile and related products	Textile fabrics - Determination of resistance to surface wetting (spray test)	(1 ~ 5) grade	BS	N
ISO 5084:1996	Textile and related products	Textiles - Determination of thickness of textiles and textile products	0.01 mm or more	BS	N
ISO 6330:2021	Textile and related products	Textiles - Domestic washing and drying procedures for textile testing	-	BS	N
ISO 6939:1988	Textile and related products	Textiles - Yarns from packages - Method of test for breaking strength of yarn by the skein method	(0 ~ 500) N	BS	N
ISO 6941:2003	Textile and related products	Textile fabrics - Burning behaviour - Measurement of flame spread properties of vertically oriented specimens	0.1 s or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
ISO 7211-1:1984	Textile and related products	Textiles - Woven fabrics - Construction - Methods of analysis - Part 1 : Methods for the presentation of a weave diagram and plans for drafting, denting and lifting	-	BS	N
ISO 7211-2:1984	Textile and related products	Textiles - Woven fabrics - Construction - Methods of analysis - Part 2 : Determination of number of threads per unit length	0.1 thread/cm or more	BS	N
ISO 7211-3:1984	Textile and related products	Textiles - Woven fabrics - Construction - Methods of analysis - Part 3 : Determination of crimp of yarn in fabric	1 개 (Number of Crimp)) or more	BS	N
ISO 7211-4:1984	Textile and related products	Textiles - Woven fabrics - Construction - Methods of analysis - Part 4 : Determination of twist in yarn removed from fabric	0.1 turns/m or more	BS	N
ISO 7211-5:2020	Textile and related products	Textiles - Methods of analysis of woven fabrics construction - Part 5 : Determination of linear density of yarn removed from fabric	0.1 tex or more	BS	N
ISO 7211-6:2020	Textile and related products	Textiles - Methods of analysis of woven fabrics construction - Part 6 : Determination of the mass of warp and weft per unit area of fabric	0.1 g/㎡ or more	BS	N
ISO 811:2018	Textile and related products	Textile fabrics - Determination of resistance to water penetration - Hydrostatic pressure test	(0 ~ 2 000) cmH_2O	BS	N
ISO 9073-2:1995	Textile and related products	Textiles - Test methods for nonwovens - Part 2 : Determination of thickness	0.01 mm or more	BS	N
ISO 9237:1995	Textile and related products	Textiles - Determination of the permeability of fabrics to air	0.1 mm/s or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
JIS L 0217:1995	Textile and related products	Care labelling of textile goods	-	BS	N
JIS L 1013:2021	Textile and related products	Testing methods for man-made filament yarns 8.1 Moisture regain 8.2 Moisture regain in standard condition 8.3 Fineness 8.5 Tensile strength & elongation 8.13 Twist	0.1 % ~ 100 %, 0.1 % ~ 100 %, 0.1 denier or more, 0.1 N or more, 0.1 % or more, 0.1 tpm or more	BS	N
JIS L 1059-1:2009	Textile and related products	Testing methods for crease recovery of textiles - Part 1 : Determination of the recovery from creasing of a horizontally folded specimen by measuring the angle of recovery	(0 ~ 180)°	BS	N
JIS L 1059-2:2009	Textile and related products	Testing methods for crease recover of textiles - Part 2 : Evaluation of the wrinkle recovery of fabrics - appearance method	(1 ~ 5) grade	BS	N
JIS L 1076:2012	Textile and related products	Testing methods for pilling of woven fabrics and knitted fabrics	(1 ~ 5) grade	BS	N
JIS L 1091:1999	Textile and related products	Testing methods for flammability of textiles	(0 ~ 999) s, (0 ~ 25) cm, (0 ~ 375) ㎠	BS	N
JIS L 1092:2009	Textile and related products	Testing methods for water resistance of textiles	(0 ~ 20 000) mmH_2O	BS	N
JIS L 1093:2011	Textile and related products	Test method for seam strength of textiles	(0 ~ 30) kN	BS	N
JIS L 1094:2014	Textile and related products	Testing methods for electrostatic propensity of woven and knitted fabrics	1 s or more, (0 ~ 8 034) V	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
JIS L 1095:2010	Textile and related products	Testing methods for spun yarn 9.2 Moisture regain 9.3 Net weight 9.4 Yarn count 9.5 Breaking force & elongation at break of yarn ; single-end method 9.15 Twist	0.1 % ~ 100 %, 0.1 g or more, 0.1 Nec or more, 0.1 Nm or more, 0.1 Tex or more, 0.1 N or more/ 0.1 % or more, 0.1 tpm or more / 0.1 tpi or more	BS	N
JIS L 1096 8.39:2010	Textile and related products	Testing methods for woven and knitted fabrics - 8.39 dimensional changes	(-100 ~ +100) %	BS	N
JIS L 1096:2010	Textile and related products	Testing methods for woven and knitted fabrics 8.2.1 Width 8.3 Weight 8.4 Thickness 8.6 Fabric count 8.9 Yarn construction 8.10 Moisture regain 8.14 Tensile strength & elongation 8.17 Tear strength 8.18 Bursting strength 8.19 Abrasion resistance 8.23 Seam slippage 8.26 Air permeability 8.27 Measuring method for thermal transmission of cloth	1 mm or more, 0.1 g/㎡ or more, 0.01 mm ~ 20 mm, 1 thread/25 mm or more, z / s, 0.1 % ~ 100 %, 0.1 N or more, 0.1 % or more, 0.1 N or more, 1 kPa ~ 1 200 kPa, 1 cycle or more, 0.1 N or more, 0.1 (㎤/㎠·s) or more, 0.1 % ~ 100 %	BS	N
JIS L 1903:2017	Textile and related products	Testing methods for feathers 8.2 Content analysis 8.3 Filling power 8.5 Moisture regain 8.7 Oxygen number	(0 ~ 100) %, 1 mm or more, 1 ㎤/g or more, (0 ~ 100) %, 0.1 mg or more	BS	N
KS K 0220:2022	Textile and related products	Measuring method for moisture in textiles	0.01 % or more	BS	N
KS K 0350:2017	Textile and related products	Test method for bursting strength of cloth : Ball bursting method	(0 ~ 30) kN	BS	N
KS K 0412:2022	Textile and related products	Testing method for tensile strength and elongation of filament yarn	(0 ~ 500) N, 0.1 % or more	BS	N
KS K 0414:2021	Textile and related products	Test method for yarn number of cotton yarn	0.1 Ne or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
KS K 0415:2017(MOD ISO 7211-5:1984)	Textile and related products	Textiles - Woven fabrics - Construction - Methods of analysis - Part 5: Determination of linear density of yarn removed from fabric	0.1 Ne or more, 0.1 Nm or more, 0.1 denier or more, 0.1 tex or more	BS	N
KS K 0418:2019	Textile and related products	Test method for twist number and twist contraction of plied yarns	0.1 turns/m or more, 0.1 % or more	BS	N
KS K 0420:2019	Textile and related products	Test method for fineness of stretch filament yarn	0.1 tex or more, 0.1 denier or more	BS	N
KS K 0425:2018	Textile and related products	Test methods for yarn number of linen yarn	0.1 NeL or more	BS	N
KS K 0437:2019	Textile and related products	Test method for permissible maximum twist of filament yarn	0.1 turns/m or more	BS	N
KS K 0466:2021	Textile and related products	Test method for thermal transmittance of textile fabrics	0.01 clo or more	BS	N
KS K 0475:2018	Textile and related products	Test method for tensile strength and elongation of spun yarns	(0 ~ 50 000) cN, 0.1 % or more	BS	N
KS K 0499:2018	Textile and related products	Testing method for pilling resistance of textile fabrics : Random tumble pilling tester method	(1 ~ 5) grade	BS	N
KS K 0501:2018	Textile and related products	Test method for pilling resistance of textile fabrics : Brush and sponge method	(1 ~ 5) grade	BS	N
KS K 0512:2017	Textile and related products	Test method for determination of number of wales and courses per unit length in knitted fabrics	0.1 thread/5 cm or more	BS	N
KS K 0514:2017	Textile and related products	Measuring method for weight of cloth : Small specimen method	0.1 g/㎡ or more	BS	N
KS K 0515:2017	Textile and related products	Measuring method for weight of cloth : Full width specimen method	0.1 g/㎡ or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
KS K 0520:2021	Textile and related products	Textiles - Tensile properties of fabrics - Determination of maximum force and elongation at maximum force using the grab method	(0 ~ 30) kN, 0.1 % or more	BS	N
KS K 0521:2017	Textile and related products	Textiles - Tensile properties of fabrics - Determination of maximum force and elongation at maximum force using the strip method	(0 ~ 30) kN, 0.1 % or more	BS	N
KS K 0536:2019	Textile and related products	Test method for tearing strength of cloth : Tongue method	(0 ~ 30) kN	BS	N
KS K 0537:2019	Textile and related products	Test method for tearing strength of cloth : Trapezoid method	(0 ~ 30) kN	BS	N
KS K 0540:2017	Textile and related products	Test method for abrasion resistance of textile fabrics : Inflated diaphram method	1 cycle or more	BS	N
KS K 0550:2022(MOD ISO 2313:1972)	Textile and related products	Textiles - Determination of the recovery from creasing of a horizontally folded specimen of fabric by measuring the angle of recovery	(0 ~ 180)°	BS	N
KS K 0555:2021	Textile and related products	Test method for electrostatic propensity of woven and knitted fabrics	1 s or more, (0 ~ 8 034) V	BS	N
KS K 0560:2018	Textile and related products	Measuring method for warmth keeping property of cloth	0.1 % or more	BS	N
KS K 0585:2019	Textile and related products	Test method for flammability of textiles: Vertical method	1 s or more, (0 ~ 30) cm	BS	N
KS K 0586:2022	Textile and related products	Test method for flammability of cloth : Burning rate test	0.1 s or more	BS	N
KS K 0592:2022	Textile and related products	Test method for water resistance of coated cloth; High range, hydrostatic pressure method	(0 ~ 4 118) kPa	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
KS K 0820:2017	Textile and related products	Test Method for Feather and Down Filled Products 7.1 Content analysis 7.2 Down specie 7.3 Oxygen number 7.4 Filling power 7.5 Turbidity cleanliness 7.6 Odor 7.8 Moisture regain 7.12 Determination of Color Separation(Black Point)	(0 ~ 100) % (0 ~ 100) % 0.1 mg or more 1 mm or more, 1 ㎤/(30 g) or more 1 mm or more Odor Assessment (0 ~ 100) % (0 ~ 100) %	BS	N
KS K 0822:2012	Textile and related products	Test method for penetration resistance of cloth to passage of feather and down : Tumbling method	Visual Assessment(Meet, Not meet)	BS	N
KS K 0941:2018	Textile and related products	Safety of children's clothing-Cords and drawstrings on children's clothing-Specifications	1 mm or more	BS	N
KS K 2620:2014	Textile and related products	Feather and down for filling products	-	BS	N
KS K ISO 12027:2012	Textile and related products	Textiles - Cotton-fibre stickiness - Detection of sugar by colour reaction	(A ~ E) grade	BS	N
KS K ISO 12945-1:2000	Textile and related products	Textiles - Determination of fabric propensity to surface pilling, fuzzing or matting. - Part 1 : Pilling box method	(1 ~ 5) grade	BS	N
KS K ISO 12945-2:2000	Textile and related products	Textiles - Determination of fabric propensity to surface pilling, fuzzing or matting. - Part 2 : Modified Martindale method	(1 ~ 5) grade	BS	N
KS K ISO 12947-1:1998	Textile and related products	Textiles - Determination of abrasion resistance of fabrics by the Martindale method - Part 1 : Martindale abrasion testing apparatus	-	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
KS K ISO 12947-2:2016	Textile and related products	Textiles - Determination of the abrasion resistance of fabrics by the Martindale method - Part 2 : Determination of specimen breakdown	1 rub or more	BS	N
KS K ISO 12947-3:1998	Textile and related products	Textiles - Determination of the abrasion resistance of fabrics by the Martindale method - Part 3 : Determination of mass loss	1 mg or more	BS	N
KS K ISO 12947-4:1998	Textile and related products	Textiles - Determination of the abrasion resistance of fabrics by the Martindale method - Part4 : Assessment of appearance change	(1 ~ 5) grade	BS	N
KS K ISO 13935-2:2014	Textile and related products	Textiles - Seam tensile properties of fabrics and made-up textile articles - Part 2 : Determination of maximum force to seam rupture using the grab method	(0 ~ 30) kN	BS	N
KS K ISO 13936-1:2004	Textile and related products	Textiles - Determination of the slippage resistance of yarns at a seam in woven fabrics - Part 1 : Fixed seam opening method	(0 ~ 30) kN	BS	N
KS K ISO 13937-1:2000	Textile and related products	Textiles - Tear properties of fabrics - Part 1 : Determination of tear force using ballistic pendulum method(Elmendorf)	(0 ~ 62) N	BS	N
KS K ISO 13938-1:1999	Textile and related products	Textiles - Bursting properties of fabrics - Part 1 : Hydraulic method for determination of bursting strength and bursting distention	(0 ~ 1 378) kPa	BS	N
KS K ISO 16549:2004	Textile and related products	Textiles - Unevenness of textile strands - Capacitance method	0.1 % (CVu or Uu) or more	BS	N
KS K ISO 17202:2002	Textile and related products	Textiles - Determination of twist in single spun yarns - untwist/retwist method	0.1 turns/m or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
KS K ISO 2060:1994	Textile and related products	Textiles-Yarn from packages-Determination of linear density (mass per unit length) by the skein method	0.1 tex or more	BS	N
KS K ISO 22198:2006	Textile and related products	Textiles - Fabrics - Determination of width and length	1 cm or more	BS	N
KS K ISO 22958:2005	Textile and related products	Textiles - Water resistance - Rain tests: exposure to a horizontal water spray	0.1 g or more	BS	N
KS K ISO 2:1973	Textile and related products	Textiles - Designation of the direction of twist in yarns and related products.	Z twist / S twist	BS	N
KS K ISO 4920:2012	Textile and related products	Textile fabrics — Determination of resistance to surface wetting (spray test)	(0 ~ 5) grade	BS	N
KS K ISO 5077:2007	Textile and related products	Textiles - Determination of dimensional change in washing and drying	(-100 ~ +100) %	BS	N
KS K ISO 5084:1996	Textile and related products	Textiles - Determination of thickness of textiles and textile products	0.01 mm or more	BS	N
KS K ISO 6330:2012	Textile and related products	Textiles - Domestic washing and drying procedures for textile testing	-	BS	N
KS K ISO 6939:1988	Textile and related products	Textiles - Yarns from packages - Method of test for breaking strength of yarn by the skein method	(0 ~ 500) N	BS	N
KS K ISO 7211-2:1984	Textile and related products	Textiles - Woven fabrics - Construction - Methods of analysis - Part 2 : Determination of number of threads per unit length	0.1 thread/cm or more	BS	N
KS K ISO 7768:2009	Textile and related products	Textiles - Test method for assessing the smoothness appearance of fabrics after cleansing	(1 ~ 5) grade	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
KS K ISO 811:2018	Textile and related products	Textile fabrics - Determination of resistance to water penetration - Hydrostatic pressure test	(0 ~ 2 000) cmH_2O	BS	N
KS K ISO 9237:1995	Textile and related products	Textiles - Determination of the permeability of fabrics to air	0.1 mm/s or more	BS	N
TWC-TM004-2010	Textile and related products	BREAKING STRENGTH OF FABRICS	(0 ~ 30) kN	BS	N
TWC-TM013-2010	Textile and related products	MASS PER UNIT AREA (FABRICS, WOOL FILLINGS OR PILLOWS)	0.1 g/㎡ or more	BS	N
TWC-TM029-2010	Textile and related products	BURST STRENGTH	(0 ~ 1 378) kPa	BS	N
TWC-TM112-2010	Textile and related products	ABRASION RESISTANCE OF FABRICS (MARTINDALE MACHINE METHOD)	1 rub or more	BS	N
TWC-TM117-2010	Textile and related products	SEAM SLIPPAGE (WOVEN FABRICS)	(0 ~ 30) kN	BS	N
TWC-TM152-2010	Textile and related products	FABRIC PILLING (ICI PILLING BOX METHOD)	(1 ~ 5) grade	BS	N
TWC-TM172-2010	Textile and related products	TEAR STRENGTH (WOVEN FABRIC)	(0 ~ 30) kN	BS	N
TWC-TM196-2010	Textile and related products	PILLING OF WOOL FABRICS MARTINDALE MACHINE METHOD	(1 ~ 5) grade	BS	N
MOTIE Notice No.2018-031(03.05.2018.)	Textile and related products	Supplier's Conforimity Safety Standard Annex 15 Textile Products for children 5.1.1 Cords and drawstrings	5.1.1 : 1 mm or more	BS	N
MOTIE Notice No.2018-032(03.05.2018.)	Textile and related products	Safety Confirmation safety Standard Annex 1 Textile products for infant 5.1.2 Cords and drawstrings	5.1.2 : 1 mm or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MOTIE Notice No.2021-171(10.27.2021.)	Textile and related products	Supplier's Conforimity Safety Standard Annex 15 Textile Products for children 6.1.1 Cords and drawstrings	6.1.1 : 1 mm or more	BS	N
MOTIE Notice No.2021-171(10.27.2021.)	Textile and related products	Safety Confirmation safety Standard Annex 1 Textile products for infant 6.1.1 Small objects Bond Strength 6.1.2 Cords and drawstrings	6.1.1 : Visual assessment 6.1.2 : 1 mm or more	BS	N
NFA Notice No.2021-007(01.14.2021.)	Textile and related products	Specification and test methods for performance of flame resistance.	(0 ~ 999) s, (0 ~ 25) cm, (0 ~ 375) ㎠	BS	N

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01. Mechanical Testing

01.010 Plastics and Related Products

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
ASTM D2344/D2344M-22	Plastic and related products	Standard Test Method for Short-Beam Strength of Polymer Matrix Composite Materials and Their Laminates	(0 ~ 100) kN	BS	N
ASTM D3039/D3039M-17	Plastic and related products	Standard Test Method for Tensile Properties of Polymer Matrix Composite Materials	(0 ~ 100) kN	BS	N
ASTM D3410/D3410M-16e1	Plastic and related products	Standard Test Method for Compressive Properties of Polymer Matrix Composite Materials with Unsupported Gage Section by Shear Loading	(0 ~ 100) kN	BS	N
ASTM D638-22	Plastic and related products	Standard Test Method for Tensile Properties of Plastics	(0 ~ 100) kN (0 ~ 100) %	BS	N
ASTM D6641/D6641M-16e2	Plastic and related products	Standard Test Method for Compressive Properties of Polymer Matrix Composite Materials Using a Combined Loading Compression (CLC) Test Fixture	(0 ~ 100) kN	BS	N
ASTM D695-15	Plastic and related products	Standard Test Method for Compressive Properties of Rigid Plastics	(0 ~ 100) kN	BS	N
ASTM D790-17	Plastic and related products	Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials	(0 ~ 100) kN	BS	N
ASTM D792-20	Plastic and related products	Standard Test Methods for Density and Specific Gravity (Relative Density) of Plastics by Displacement	(0 ~ 2 000) g/㎤	BS	N
ASTM D882-18	Plastic and related products	Standard Test Method for Tensile Properties of Thin Plastic Sheeting	(0 ~ 100) kN (0 ~ 1 000) %	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
ISO 12418-2:2012	Plastic and related products	Plastics — Post-consumer poly(ethylene terephthalate) (PET) bottle recyclates — Part 2: Preparation of test specimens and determination of properties Annex A (Method for the determination of impurities in PET flakes) Annex B (Method for the determination of the bulk density of PET flakes) Annex D (Potentiometric method for the determination of the residual alkalinity of PET recyclates)	(0 ~ 1 000 000) mg/kg (0 ~ 800) kg/㎥ (-2.0 ~ 20.0) pH	BS	N
ISO 14125:1998	Plastic and related products	Fibre-reinforced plastic composites — Determination of flexural properties	(0 ~ 100) kN	BS	N
ISO 14126:1999	Plastic and related products	Fibre-reinforced plastic composites — Determination of compressive properties in the in-plane direction	(0 ~ 100) kN	BS	N
ISO 15512:2019	Plastic and related products	Plastics — Determination of water content Method B2 — Water vaporization using a heated sample vial	(0.010 ~ 5) %	BS	N
ISO 178:2019	Plastic and related products	Plastics-Determination of flexural properties	(0 ~ 100) kN	BS	N
ISO 527-1:2019	Plastic and related products	Plastics — Determination of tensile properties — Part 1: General principles	(0 ~ 100) kN (0 ~ 100) %	BS	N
ISO 527-2:2012	Plastic and related products	Plastics — Determination of tensile properties — Part 2: Test conditions for moulding and extrusion plastics	(0 ~ 100) kN (0 ~ 100) %	BS	N
ISO 527-3:2018	Plastic and related products	Plastics — Determination of tensile properties — Part 3: Test conditions for films and sheets	(0 ~ 100) kN (0 ~ 100) %	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
ISO 527-4:2021	Plastic and related products	Plastics — Determination of tensile properties — Part 4: Test conditions for isotropic and orthotropic fibre-reinforced plastic composites	(0 ~ 100) kN (0 ~ 100) %	BS	N
ISO 527-5:2021	Plastic and related products	Plastics — Determination of tensile properties — Part 5: Test conditions for unidirectional fibre-reinforced plastic composites	(0 ~ 100) kN (0 ~ 100) %	BS	N
KS M 0602:2010	Plastic and related products	Measuring methods for Specific Gravity of solid	(0 ~ 2 000) g/㎤	BS	N
KS M ISO 14125:2012	Plastic and related products	Fibre-reinforced plastic composites — Determination of flexural properties	(0 ~ 100) kN	BS	N
KS M ISO 14126:2012	Plastic and related products	Fibre-reinforced plastic composites — Determination of compressive properties in the in-plane direction	(0 ~ 100) kN	BS	N
KS M ISO 178:2012	Plastic and related products	Plastics — Determination of flexural properties	(0 ~ 100) kN	BS	N
KS M ISO 527-1:2012	Plastic and related products	Plastics — Determination of tensile properties — Part 1: General principles	(0 ~ 100) kN (0 ~ 100) %	BS	N
KS M ISO 527-2:2012	Plastic and related products	Plastics — Determination of tensile properties — Part 2: Test conditions for moulding and extrusion plastics	(0 ~ 100) kN (0 ~ 100) %	BS	N
KS M ISO 527-3:1995	Plastic and related products	Plastics — Determination of tensile properties — Part 3: Test conditions for films and sheets	(0 ~ 100) kN (0 ~ 100) %	BS	N
KS M ISO 527-4:2002	Plastic and related products	Plastics — Determination of tensile properties — Part 4: Test conditions for isotropic and orthotropic fibre-reinforced plastic composites	(0 ~ 100) kN (0 ~ 100) %	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
KS M ISO 527-5:2012	Plastic and related products	Plastics — Determination of tensile properties — Part 5: Test conditions for unidirectional fibre-reinforced plastic composites	(0 ~ 100) kN (0 ~ 100) %	BS	N

No. KT003

01. Mechanical Testing

01.011 Leather and Related Products

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
QB/T 2711-2005	Leather and related products	Leather - Physical and mechanical tests - Determination of tear load - Double edge tear	(0 ~ 2) kN	BS	N
KATS Notice No.2018-195(06.29.2018.)	Leather and related products	Compliance with Safety Standard Annex 3 Leather products 5.1 General structure 5.1.1 Small objects 5.1.2 Hazardous magnet 5.1.3 Cords and drawstrings	5.1.1 : Visual assessment 5.1.2 : (0 ~ 300) G 5.1.3 : 1 mm or more	BS	N
MOTIE Notice No.2018-031(03.05.2018.)	Leather and related products	Supplier's Conforimity Safety Standard Annex 1 Leather products for children 5.1 General structure 5.1.1 Small objects Bond Strength 5.1.2 Cords and drawstrings	5.1.1 : Visual assessment 5.1.2 : 1 mm or more	BS	N

No. KT003

01. Mechanical Testing

01.015 Industrial Machinery

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
ANSI/ASHRAE Standard 52.2-2017	Industrial machinery	Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size	Resistance : (0 ~ 1 000) Pa particle diameter : (0.3 ~ 10.0) ㎛ Efficiency : (1 ~ 100) % Average arrestance : (1 ~ 100) %	BS	N
BS EN 1822-1:2019	Industrial machinery	High efficiency air filters (EPA, HEPA and ULPA) Part 1: Classification, performance testing, marking	Particle diameter : (0.03 ~ 0.8) ㎛ Efficiency : (1 ~ 100) %	BS	N
BS EN ISO 29463-3:2018	Industrial machinery	High-efficiency filters and filter media for removing particles in air Part 3: Testing flat sheet filter media (ISO 29463-3:2011)	Differential pressure : (0 ~ 1 470) Pa Particle diameter : (0.03 ~ 0.8) ㎛ Efficiency : (1 ~ 100) %	BS	N
BS EN ISO 29463-5:2022	Industrial machinery	High-efficiency filters and filter media for removing particles in air Part 5: Test method for filter elements	Differential pressure : (0 ~ 600) Pa Particle diameter : (0.03 ~ 0.8) ㎛ Efficiency : (1 ~ 100) %	BS	N
DIN EN ISO 29463-3:2019-05	Industrial machinery	High-efficiency filters and filter media for removing particles in air — Part 3: Testing flat sheet filter media (ISO 29463-3:2011)	Differential pressure : (0 ~ 1 470) Pa Particle diameter : (0.03 ~ 0.8) ㎛ Efficiency : (1 ~ 100) %	BS	N
DIN EN ISO 29463-5:2019-05	Industrial machinery	High-efficiency filters and filter media for removing particles in air — Part 5: Test method for filter elements (ISO 29463-5:2011)	Differential pressure : (0 ~ 600) Pa Particle diameter : (0.03 ~ 0.8) ㎛ Efficiency : (1 ~ 100) %	BS	N
ISO 29463-1:2017	Industrial machinery	High efficiency filters and filter media for removing particles from air — Part 1: Classification, performance, testing and marking	Particle diameter : (0.03 ~ 0.8) ㎛ Efficiency : (1 ~ 100) %	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
ISO 29463-3:2011	Industrial machinery	High-efficiency filters and filter media for removing particles in air — Part 3: Testing flat sheet filter media	Differential pressure : (0 ~ 1 470) Pa Particle diameter : (0.03 ~ 0.8) ㎛ Efficiency : (1 ~ 100) %	BS	N
ISO 29463-5:2022	Industrial machinery	High-efficiency filters and filter media for removing particles in air — Part 5: Test method for filter elements	Differential pressure : (0 ~ 600) Pa Particle diameter : (0.03 ~ 0.8) ㎛ Efficiency : (1 ~ 100) %	BS	N
ISO/TS 11155-1:2001	Industrial machinery	Road vehicles — Air filters for passenger compartments — Part 1: Test for particulate filtration	Pressure loss : (0 ~ 1 000) Pa Particle diameter : (0.3 ~ 10.0) ㎛ Efficiency : (1 ~ 100) %	BS	N
KS B 6141:2020	Industrial machinery	Air filter units for ventilation	Type of filter unit : Type 1 Resistance to air flow : (0 ~ 600) Pa Efficiency : (1 ~ 100) %	BS	N
KS B 6740:2015	Industrial machinery	Performance test methods for clean room-air filters 5.1 Particle efficiency test 5.2 Differential pressure test	Efficiency : (1 ~ 100) % Differential pressure : (0 ~ 600) Pa	BS	N
KS B ISO 29463-1:2017	Industrial machinery	High efficiency filters and filter media for removing particles from air — Part 1: Classification, performance, testing and marking	Particle diameter : (0.03 ~ 0.8) ㎛ Efficiency : (1 ~ 100) %	BS	N
KS B ISO 29463-3:2011	Industrial machinery	High-efficiency filters and filter media for removing particles in air — Part 3: Testing flat sheet filter media	Differential pressure : (0 ~ 1 470) Pa Particle diameter : (0.03 ~ 0.8) ㎛ Efficiency : (1 ~ 100) %	BS	N
KS C 9325:2011	Industrial machinery	Air filter element for room air cleaners	Pressure drop : (0 ~ 600) Pa Efficiency : (1 ~ 100) %	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
KS R ISO 11155-1:2001	Industrial machinery	Road vehicles — Air filters for passenger compartments — Part 1: Test for particulate filtration	Pressure loss : (0 ~ 1 000) Pa Particle diameter : (0.3 ~ 10.0) ㎛ Efficiency : (1 ~ 100) %	BS	N
SPS-KACA-0026-7175:2017	Industrial machinery	General air-conditioning and ventilation air filter	Initial resistance : (0 ~ 1 000) Pa Particle diameter : (0.3 ~ 10.0) ㎛ Efficiency : (1 ~ 100) %	BS	N
SPS-KACA014-0144:2019	Industrial machinery	Normalization of Cabin Air Filter Elements for Passenger Cars 7.1 Pressure loss test 7.2 Filtration efficiency test 7.4 Reliability test 7.8 Dust holding capacity	Pressure loss : (0 ~ 1 000) Pa Particle diameter : (0.3 ~ 10.0) ㎛ Efficiency : (1 ~ 100) % Temperature : (-40 ~ 100) ℃ Humidity : (5 ~ 95) % R.H.	BS	N

No. KT003

01. Mechanical Testing

01.017 Household items

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
16 CFR 1500.44:2018	Household items	Method for determining extremely flammable and flammable solids.	0.1 mm or more	BS	N
16 CFR 1500.48:2018	Household items	Technical requirements for determining a sharp point in toys and other articles intended for use by children under 8 years of age.	Visual assessment	BS	N
16 CFR 1500.49:2018	Household items	Technical requirements for determining a sharp metal or glass edge in toys and other articles intended for use by children under 8 years of age.	1 mm or more	BS	N
16 CFR 1500.50:2018	Household items	Test methods for simulating use and abuse of toys and other articles intended for use by children.	Visual assessment	BS	N
16 CFR 1500.51:2018	Household items	Test methods for simulating use and abuse of toys and other articles intended for use by children 18 months of age or less.	Visual assessment	BS	N
16 CFR 1500.52:2018	Household items	Test methods for simulating use and abuse of toys and other articles intended for use by children over 18 but not over 36 months of age.	Visual assessment	BS	N
16 CFR 1500.53:2018	Household items	Test methods for simulating use and abuse of toys and other articles intended for use by children over 36 but not over 96 months of age.	Visual assessment	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
16 CFR 1501:2018	Household items	Method for identifying toys and other articles intended for use by children under 3 years of age which present choking, aspiration, or ingestion hazards because of small parts.	Visual assessment	BS	N
ASTM F963-07e1	Household items	Standard consumer safety specification for toy safety 4. Safety Requirements 4.27 Toy Chests(except labeling and/or instructional literature requirements)	4.27 : 0.1 mm or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
ASTM F963-17	Household items	Standard consumer safety specification for toy safety 4. Safety Requirements 4.1 Material Quality 4.2 Flammability 4.5 Sound-Producing Toys 4.6 Small Objects 4.7 Accessible Edges 4.8 Projections 4.9 Accessible Points 4.10 Wires or Rods 4.11 Nails and Fasteners 4.12 Plastic Film 4.13 Folding Mechanisms and Hinges 4.14 Cords, Straps, and Elastics 4.15 Stability and Over-Load Requirements 4.16 Confined Spaces 4.17 Wheels, Tires, and Axles 4.18 Holes, Clearance, and Accessibility of Mechanisms 4.19 Simulated Protective Devices 4.20 Pacifiers 4.20.2 Toy Pacifiers 4.21 Projectile Toys 4.22 Teethers and Teething Toys 4.23 Rattles 4.24 Squeeze Toys 4.25 Battery-Operated Toys 4.26 Toy intended to be Attached to a Crib or Playpen 4.27 Stuffed and Beanbag-Type Toys 4.28 Stroller and Carriage Toys 4.30 Toy Gun Marking 4.31 Balloons 4.32 Certain Toys with Spherical Ends 4.33 Marbles 4.34 Balls 4.35 Pompoms 4.36 Hemispheric-Shaped Objects 4.37 Yo Yo Elastic Tether Toys 4.38 Magnets 4.39 Jaw Entrapment in Handles and Steering Wheels	4.1 : Visual assessment 4.2 : 0.1 mm/s or more 4.5 : (25 ~ 138) dB 4.6 : Visual assessment 4.7 : 1 mm or more 4.8 : Visual assessment 4.9 : Visual assessment 4.10 : Visual assessment 4.11 : Visual assessment 4.12 : 0.001 mm or more 4.13 : Visual assessment 4.14 : 1 mm or more, 0.1 N or more, 1 MΩ/cm or more 4.15 : Visual assessment 4.16 : 1 mm or more, 0.1 N or more 4.17 : Visual assessment 4.18 : Visual assessment 4.19 : Visual assessment 4.20.2 : 1 mm or more 4.21 : radius gauge 0.25 mm or more, 0.005 J or more 4.22 : Visual assessment 4.23 : Visual assessment 4.24 : Visual assessment 4.25 : 0.1 V or more, 0.01 ℃or more, 0.1 A or more 4.26 : Visual assessment 4.27 : (0.1 ~ 500) N 4.28 : Visual assessment 4.30 : Visual assessment 4.31 : Visual assessment 4.32 : Visual assessment 4.33 : Visual assessment 4.34 : Visual assessment 4.35 : Visual assessment 4.36 : 0.1 mm, 1 mL, 1° or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
		4.40 Expanding Materials 4.41 Toy Chests 5. Labelling Requirements 6. Instructional Literature 7. Producer's Markings 8. Test Methods	4.37 : 0.001 g, 1 mm or more 4.38 0.01 kG/㎟ or more 4.39 : Visual assessment 4.40 : (10~100) % 4.41 : 0.1 mm or more 5 : Visual assessment 6 : Visual assessment 7 : Visual assessment 8 : -		

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
BS EN 71-1:2014+A1:2018	Household items	Safety of toys - Part 1: Mechanical and physical properties 8.1 General requirements for testing 8.2 Small parts cylinder 8.3 Torque test 8.4 Tension test 8.5 Drop test 8.6 Tip over test 8.7 Impact test 8.8 Compression test 8.9 Soaking test 8.10 Accessibility of a part or component 8.11 Sharpness of edges 8.12 Sharpness of points 8.13 Flexibility of metallic wires 8.14 Expanding materials 8.15 Leakage of liquid-filled toys 8.16 Geometric shape of certain toys 8.17 Durability of mouth-actuated toys 8.18 Folding or sliding mechanisms 8.19 Electric resistivity of cords 8.20 Cords cross-sectional dimension 8.21 Static strength 8.22 Dynamic strength 8.23 Stability 8.24 Kinetic energy of projectile 8.25 Plastic sheeting 8.26 Brake performance 8.27 Strength of toy scooter steering tubes 8.28 Determination of emission sound pressure levels 8.29 Determination of maximum design speed of electrically-driven ride-on toys 8.30 Measurement of temperature rises 8.31 Toy chest lids 8.32 Small balls and suction cups test 8.33 Test for play figures 8.34 Tension test for	8.1 : Visual assessment 8.2 : Visual assessment 8.3 : Visual assessment 8.4 : Visual assessment 8.5 : Visual assessment 8.6 : Visual assessment 8.7 : Visual assessment 8.8 : Visual assessment 8.9 : Visual assessment 8.10 : Visual assessment 8.11 : 1 mm or more 8.12 : Visual assessment 8.13 : Visual assessment 8.14 : (10 ~ 100) % 8.15 : (0.1 ~ 200) N 8.16 : Visual assessment 8.17 : Visual assessment 8.18 : Visual assessment 8.19 : 1 MΩ/cm or more 8.20 : 0.1 mm or more 8.21 : Visual assessment 8.22 : Visual assessment 8.23 : Visual assessment 8.24 : 0.005 J or more 8.25 : 0.001 mm or more 8.26 : 1 mm, 0.1 N or more 8.27 : Visual assessment 8.28 : (25 ~ 138) dB 8.29 : 0.1 km/h or more 8.30 : 0.01 K or more 8.31 : 0.1 mm or more 8.32 : Visual assessment 8.33 : Visual assessment 8.34 : Visual assessment 8.35 : 0.01 kG²㎜ or more 8.36 : Visual assessment 8.37 :1 mm or more 8.38 : Visual assessment 8.39 :1 mm or more 8.40 :1 mm or more	BS	N

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
		magnets 8.35 Magnetic flux index 8.36 Perimeter of cords and chains 8.37 Yo-yo balls measurements 8.38 Breakaway feature separation test 8.39 Self-retracting cords 8.40 Length of cords, chains and electrical cables 8.41 Assessment of tangle potential of two cords or chains 8.42 Determination of projectile range 8.43 Assessment of leading parts of projectile and flying toys 8.44 Length of suction cup projectile	8.41 : (0.1 ~ 200) N 8.42 : 1mm or more 8.43 : Visual assessment 8.44 : 1 mm or more		
BS EN 71-8:2018	Household items	Activity toys for domestic use 6.1 General 6.2 Stability 6.3 Static strength 6.4 Dynamic strength of barrier and handrails 6.5 Test for head and neck entrapment 6.6 Toggle test 6.7 Measurements of sliding and run-out sections on slides 6.8 Diameter of ropes and other means of suspension 6.9 Determination of impact from swing elements 6.10 Static load test for paddling pools with non-inflatable walls 6.11 Measurement of the height of falling projection of swings with double seats and examination of gaps between the swing seat and the falling protection	6.2 : Visual assessment, (0.1~90)° 6.3 : Visual assessment 6.4 : Visual assessment 6.5 : Visual assessment 6.6 : Visual assessment 6.7 : 1° or more 6.8 : 1 mm or more 6.9 : 0.1 ㎧ or more 6.10 : Visual assessment 6.11 : 1 mm or more	BS	N

No. KT003

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
EN 71-2:2020	Household items	Safety of toys Part 2 : Flammability 5.1 General 5.2 Test relating to beards, moustaches, wigs, etc., made from pile or flowing elements, which protrude 50 mm or more from the surface of the toy 5.3 Test relating to beards, moustaches, wigs, etc., made from pile or flowing elements, which protrude less than 50 mm from the surface of the toy, and full or partial moulded head masks 5.4 Test relating to toys to be worn on the head (4.2.5), hoods, headdresses including upward protruding items and masks not covered by 4.2.4 which partially or fully cover the head (e.g. facric and paperboard masks, eye masks, face masks), toy diguisecostumes and toys intended to be worn or toys intended to be entered by a child 5.5 Test for softfilled toys and certain doft-filled parts of toy disguise costumes	5.2 : 0.1 mm/s or more 5.3: 0.1 mm/s or more 5.4 : 0.1 mm/s or more 5.5 : 0.1 mm/s or more	BS	N

No. KT003

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
ISO 8124-1:2018	Household items	Safety of toys - Part 1 : Safety aspects related to mechanical and physical properties 5.1 General 5.2 Small parts test 5.3 Test for shape and size of certain toys 5.4 Small balls test 5.5 Test for pompoms 5.6 Test for pre-school play figures 5.7 Accessibility of a part or component 5.8 Sharp-edge test 5.9 Sharp-point test 5.10 Determination of thickness of plastic film and sheeting 5.11 Test for cords 5.12 Stability and overload tests 5.13 Test for closures and toy chest lids 5.14 Impact test for toys that cover the face 5.15 Kinetic energy and wall impact test 5.16 Free-wheeling facility and brake performance test 5.17 Determination of speed of electrically driven ride-on toys 5.18 Determination of temperature increases 5.19 Leakage of liquid-filled toys 5.20 Durability of mouth-actuated toys 5.21 Expanding materials 5.22 Folding or sliding mechanisms 5.23 Washable toys 5.24 Reasonably foreseeable abuse tests 5.25 Determination of sound pressure levels 5.26 Static strength for toy scooters 5.27 Dynamic strength for toy scooters 5.28 Brake performance for toy scooters 5.29 Strength of toy scooter steering tubes 5.30 Resistance to separation of handlebar	5.1 : - 5.2 : Visual Assessment 5.3 : Visual Assessment 5.4 : Visual Assessment 5.5 : Visual Assessment 5.6 : Visual Assessment 5.7 : Visual Assessment 5.8 : 1 mm or more 5.9 : Visual Assessment 5.10 : 0.001 mm or more 5.11 : 0.1 mm, 1 MΩ/cm or more 5.12 : Visual Assessment 5.13 : 1 mm or more 5.14 : Visual Assessment 5.15 : 0.005 J or more 5.16 : 1 mm, 0.1 N or more 5.17 : 0.1 km/h or more 5.18 : 0.1 K or more 5.19 : (0.1 ~ 200) N 5.20 : Visual Assessment 5.21 : (10 ~ 100) % 5.22 : Visual Assessment 5.23 :Visual Assessment 5.24 : Visual Assessment 5.25 : (25 ~ 138) dB 5.26 : Visual Assessment 5.27 : Visual Assessment 5.28 : 1 mm, 0.1 N or more 5.29 : Visual Assessment 5.30 : Visual Assessment 5.31 : Visual Assessment 5.32 : 0.01 kG/㎟ or more 5.33 : Visual Assessment 5.34 : Visual Assessment 5.35 : 1 mm or more 5.36 : Visual Assessment 5.37 : 1 mm or more 5.38 : 1 mm or more	BS	N

No. KT003

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
		5.31 Tension test for magnets 5.32 Magnetic flux index 5.33 Impact test for magnets 5.34 Soaking test for magnets 5.35 Determination of projectile range 5.36 Tip assessment of rigid projectiles 5.37 Length of suction cup projectiles 5.38 Yo-yo ball measurements			
ISO 8124-1:2018 / Amd.1:2020	Household items	Safety of toys Part 1 : Safety aspects related to mechanical and physical properties AMENDMENT 1: Flying toys	5.24 : Visual Assessment	BS	N
ISO 8124-1:2018 / Amd.2:2020	Household items	Safety of toys Part 1 : Safety aspects related to mechanical and physical properties AMENDMENT 2: Various	-	BS	N

No. KT003

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
ISO 8124-2:2014	Household items	Safety of toys - Part 2 : Flammability 5.1 General 5.2 Test relating to beards, moustaches, wigs, etc., made from hair, pile or material that behaves in a similar manner to hair (e.g. free-hanging ribbons, paper, cloth strands, or other flowing elements), which protrude 50 mm or more from the surface of the toy 5.3 Test relating to beards, moustaches, wigs, etc., made from hair, pile or material that behaves in a similar manner to hair (e.g. free-hanging ribbons, paper, cloth strands, or other flowing elements), which protrude less than 50 mm from the surface of the toy, and full or partial moulded head masks 5.4 Test relating to flowing elements of toys to be worn on the head (except those covered by 4.2.2 and 4.2.3), hoods, headdresses, etc. and masks not covered by 4.2.4 which partially or fully cover the head (e.g. fabric and cardboard masks, eye masks, face masks), toy disguise costumes and toys intended to be entered or worn by a child 5.5 Test for soft-filled toys	5.2 : 0.1 mm/s or more 5.3 : 0.1 mm/s or more 5.4 : 0.1 mm/s or more 5.5 : 0.1 mm/s or more	BS	N

No. KT003

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
KS G 3316:2014	Household items	Baby Carriage 6.1 General Requirements 6.2 Materials 6.2.1 Bursting strength 6.2.2 Wheel hardness 6.3 Construction 6.3.1 Shape 6.3.2 Degree of seat unit 6.3.3 Determination of the protected volume 6.3.4 Seat Recline Measurement 6.3.5 Seat belts 6.3.6 Crotch restraint 6.3.7 Shoulder belt 6.3.8 Strength of the harness anchorage points 6.3.9 Scaffold overload 6.3.10 Unintentional release of the locking mechanism by one single action 6.3.11 Openings 6.3.12 Angle between the backrest and the horizon 6.3.13 Small parts cylinder 6.4 Performance 6.4.1 Driving 6.4.2 Tip over 6.4.3 Parking brake 6.4.4 Scaffold overload 6.4.5 Strength of fastener 6.4.6 Crotch restraint Strength test 6.4.7 Backrest overload 6.4.8 Vibration acceleration 6.4.9 Irregular surface test 6.4.10 Impact durability	6.2.1 : 1 kN/m² or more 6.2.2 : HS (0 ~ 100) 6.3.1 : Visual assessment 6.3.2 : 1 mm or more 6.3.3 : 1 mm or more 6.3.4 : (0.1 ~ 90.0)° 6.3.5 : 1 mm or more 6.3.6 : 1 mm or more 6.3.7 : 1 mm or more 6.3.8 : (0.1 ~ 200) N 6.3.9 : 1 mm or more 6.3.10 : (0.1 ~ 200) N, (0.1 ~ 3.0) Nm 6.3.11 : Visual assessment 6.3.12 : (0.1 ~ 90.0)° 6.3.13 : Visual assessment 6.4.1 : Visual assessment 6.4.2 : Visual assessment 6.4.3 : Visual assessment 6.4.4 : Visual assessment 6.4.5 : 1 mm or more 6.4.6 : 1 mm or more 6.4.7 : (0.1 ~ 200) N 6.4.8 : 0.1 m/s² or more 6.4.9 : Visual assessment 6.4.10 : Visual assessment	BS	N

No. KT003

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
KS G 9994:2019	Household items	Lighters - Safety specification(2019.12.31) 7.2 Determination of Flame Height 7.3 Spitting, Sputtering, Flaring 7.4 Test of Flame Extinction 7.5 Test of Fuel Suitability 7.6 Test of Fuel Recharge 7.7 Test of Fuel Volume 7.8 Drop Test 7.9 Durability Test by High Temperature 7.10 Internal Pressure Test 7.11 Durability Test by Circulation Ignition Test 7.12 Durability Test by Continuous Ignition Test	7.2 : (0 ~ 300) mm 7.3 : Visual assessment, (0 ~ 300) mm 7.4 : (0 ~ 10) h 7.5 : (0 ~ 220) g, (0 ~ 10) h 7.6 : (0 ~ 220) g, (0 ~ 10) h 7.7 : (0 ~ 220) g 7.8 : Visual assessment, (0 ~ 220) g, (0 ~ 10) h 7.9 : Visual assessment, (0 ~ 220) g, (0 ~ 10) h 7.10 : (0 ~ 3) MPa 7.11 : Visual assessment 7.12 : Visual assessment	BS	N
KS G ISO 12312-1:2013	Household items	Eye and face protection - Sunglasses and related eyewear - Part 1: Sunglasses for general use 5 Transmittance	5 : 0.01 % or more	BS	N

No. KT003

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
KS G ISO 8124-1:2014	Household items	Safety of toys - Part 1: Safety aspects related to mechanical and physical properties 5.1 General 5.2 Small parts test 5.3 Test for shape and size of certain toys 5.4 Small balls test 5.5 Test for pompoms 5.6 Test for pre-school play figures 5.7 Accessibility of a part or component 5.8 Sharp-edge test 5.9 Sharp-point test 5.10 Determination of thickness of plastic film and sheeting 5.11 Test for cords 5.12 Stability and overload tests 5.13 Test for closures and toy chest lids 5.14 Impact test for toys that cover the face 5.15 Kinetic energy of projectiles, bows and arrows 5.16 Free-wheeling facility and brake performance test 5.17 Determination of speed of electrically driven ride-on toys 5.18 Determination of temperature increases 5.19 Leakage of liquid-filled toys 5.20 Durability of mouth-actuated toys 5.21 Expanding materials 5.22 Folding or sliding mechanisms 5.23 Washable toys 5.24 Reasonably foreseeable abuse tests 5.25 Determination of sound pressure levels 5.26 Static strength for toy scooters 5.27 Dynamic strength for toy scooters 5.28 Brake performance for toy scooters 5.29 Strength of toy scooter steering tubes 5.30 Resistance to separation of handlebar	5.1 : - 5.2 : Visual assessment 5.3 : Visual assessment 5.4 : Visual assessment 5.5 : Visual assessment 5.6 : Visual assessment 5.7 : Visual assessment 5.8 : 1 mm or more 5.9 : Visual assessment 5.10 : 0.001 mm or more 5.11 : 0.1 mm, 1 MΩ/cm or more 5.12 : Visual assessment 5.13 : 0.1 mm or more 5.14 : Visual assessment 5.15 : 0.005 J or more 5.16 : 1 mm, 0.1 N or more 5.17 : 0.1 km/h or more 5.18 : 0.1 K or more 5.19 : (0.1 ~ 200) N 5.20 : Visual assessment 5.21 : (10 ~ 100) % 5.22 : Visual assessment 5.23 : Visual assessment 5.24 : Visual assessment 5.25 : (25 ~ 138) dB 5.26 : Visual assessment 5.27 : Visual assessment 5.28 : 1 mm, 0.1 N or more 5.29 : Visual assessment 5.30 : Visual assessment 5.31 : Visual assessment 5.32 : 0.01 kG/㎟ or more 5.33 : Visual assessment 5.34 : Visual assessment 5.35 : 1 mm or more 5.36 : Visual assessment 5.37 : 1 mm or more	BS	N

No. KT003

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
		5.31 Tension test for magnets 5.32 Magnetic flux index 5.33 Impact test for magnets 5.34 Soaking test for magnets 5.35 Determination of projectile range 5.36 Tip assessment of rigid projectiles 5.37 Length of suction cup projectiles			

No. KT003

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
KS G ISO 8124-2:2014	Household items	Safety of toys - Part 2: Flammability 5.1 General 5.2 Test relating to beards, moustaches, wigs, etc., made from hair, pile or material with similar features (e.g. free-hanging ribbons, paper or cloth strands), which protrude more than or equal to 50 mm from the surface of the toy 5.3 Test relating to beards, moustaches, wigs, etc., made from hair, pile or material that behaves in a similar manner to hair (e.g. free-hanging ribbons, paper, cloth strands, or other flowing elements), which protrude less than 50 mm from the surface of the toy, and full or partial moulded head masks 5.4 Test relating to flowing elements of toys to be worn on the head (except those covered by 4.2.2 and 4.2.3), hoods, headdresses, etc. and masks not covered by 4.2.4 which partially or fully cover the head (e.g. fabric and cardboard masks, eye masks, face masks), toy disguise costumes and toys intended to be entered or worn by a child 5.5 Test for soft-filled toys	5.2 : 0.1 mm/s or more 5.3 : 0.1 mm/s or more 5.4 : 0.1 mm/s or more 5.5 : 0.1 mm/s or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
KS G ISO 9098-1:1994	Household items	Bunk Beds for Domestic Use - Safety Requirements and Tests Part 1 :Safety Requirements 4.1 Material 4.2 Structure 4.3 Static load on safety barriers 4.4 Gaps 4.5 Bed base(s) 4.6 Ladder 4.6.1 Attachment, deflection and strength 4.6.2 Tread measurement 4.7 Strength of frame and fastenings 4.8 Stability test 4.9 Fastening of the upper bed to the lower bed	4.1 : Visual assessment 4.2 : Visual assessment 4.3 : Visual assessment 4.4 : Visual assessment 4.5 : Visual assessment 4.6 : - 4.6.1 : Visual assessment 4.6.2 : Visual assessment 4.7 : Visual assessment 4.8 : Visual assessment 4.9 : Visual assessment	BS	N
KS G ISO 9098-2:1994	Household items	Bunk Beds for Domestic Use - Safety Requirements and Tests Part 2 :Test Methods 3. General requirement 4. Test equipment 5. Test procedures 5.1 Inspection before testing 5.2 Inspection of product 5.3 Measurement of the gap between sides or side slats 5.4 Strength test 5.4.1 Positioning of the bed 5.4.2 Static load on safety barriers 5.4.3 Upwards and downwards static load on bed base 5.4.4 Impact test on bed base 5.4.5 Durability test on bed base 5.5 Durability test on frame and fastenings 5.6 Ladders 5.6.1 Attachment, deflection and strength 5.6.2 Tread impact test 5.7 Stability 5.8 Fastening of the upper bed to the lower bed	3: Visual assessment 4 :Visual assessment 5 :- 5.1 : Visual assessment 5.2 : Visual assessment 5.3 : Visual assessment 5.4 : - 5.4.1 : Visual assessment 5.4.2 : Visual assessment 5.4.3 : Visual assessment 5.4.4 : Visual assessment 5.4.5 : Visual assessment 5.5 : Visual assessment 5.6 : - 5.6.1 : Visual assessment 5.6.2 : Visual assessment 5.7 : Visual assessment 5.8 : Visual assessment	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
KS P 4404:2020	Household items	Lenses for sunglass 7 Inspection 7.5 Transmittance	7.5 : 0.01 % or more	BS	N
KATS Notice No.2009-977(12.30.2009.)	Household items	Safety certification Safety standard Annex 3 Domestic pressure pans and pressure pots 6.2 Appearance 6.3 Structure 6.4 Performance 6.4.1 Pressure regulator operation test 6.4.2 Safety equipment operation test 6.4.3 Pressure resisting test 6.4.4 Temperature rise test of handle	6.2 : Visual Assessment 6.3 : Visual Assessment 6.4.1 : (0 ~ 690) kPa 6.4.2 : (0 ~ 690) kPa 6.4.3 : (0 ~ 690) kPa 6.4.4 : (0 ~ 200) ℃	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
KATS Notice No.2016-600(12.23.2016.)	Household items	Safety certification Safety standard Annex 7 Aquatic Equipment Part 1 Inflatable aquatic equipment 5.1 Appearance 5.2 Determination of Thickness of plastic fabric 5.3 Breaking strength of plastic fabric 5.4 Weight loss on heat 5.5 Measuring the volume of the air chamber 5.6 Breaking strength of connection site of air plug 5.7 Air tightness against pressure Part 2 Inflatable Boat 5.1 Appearance 5.2 Determination of thickness of fabric 5.3 Breaking strength of plastic fabric 5.4 Weight loss on heat 5.5 Testing methods for cold resistance of rubber 5.6 Measuring the volume of the air chamber 5.7 Breaking strength 5.8 Air tightness against pressure 5.9 Testing method of coated fabric 5.9.1 Weight of coated fabric 5.9.2 Breaking strength of coated fabric 5.9.3 Tear strength 5.9.4 Weatherproof test 5.9.5 Aging test 5.10 Breaking strength of wire and rope 5.11 Adhesion strength of adhesion parts 5.12 Ozone aging test 5.13 Test method for corrosion resistance of metal part Part 3 Buoyant aids to be worn 6.2 The composition of the pre-conditions prior to testing 6.3 Materials & Mark - Color fastness against chlorinated salt water	5.1 : Visual and tactile assessment 5.2 : (0 ~ 10) mm 5.3 : (0 ~ 30) kN 5.4 : (0 ~ 220) g 5.5 : (0 ~ 200) mmHg, (0.001 ~ 1 000) ㎥ 5.6 : Visual assessment, (0 ~ 200) N 5.7 : Visual assessment, (0 ~ 200) mmHg 5.1 : Visual and tactile assessment 5.2 : (0 ~ 10) mm 5.3 : (0 ~ 30) kN 5.4 : (0 ~ 220) g 5.5 : Visual assessment 5.6 : (0 ~ 200) mmHg, (0.001 ~ 1 000) ㎥ 5.7 : (0 ~ 30) kN 5.8 : Visual assessment, (0 ~ 200) mmHg 5.9.1 : (0 ~ 8 200) g 5.9.2 : (0 ~ 30) kN 5.9.3 : (0 ~ 30) kN 5.9.4 : (0 ~ 30) kN, (0 ~ 120) ℃, (0 ~ 100) % R.H. 5.9.5 : (0 ~ 30) kN , (0 ~ 200) ℃ 5.10: (0 ~ 30) kN 5.11 : Visual Assessment 5.12 : Visual Assessment 5.13 : Visual Assessment 6.3 : Visual Assessment, (1 ~ 5) grade 6.4 : Visual Assessment, (1 ~ 5) grade 6.5 : Visual Assessment, (1 ~ 5) grade 6.6 : (0 ~ 2 000) N 6.7 : Visual Assessment, (0 ~ 2 000) N 6.8 : (0 ~ 2 000) N 6.9 : Visual and tactile assessment 6.10 : (0 ~ 200) N 6.11 : Visual Assessment 6.12 :Visual Assessment, (0 ~ 200) N 6.13 : Visual	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
		6.4 Mark - Color fastness against saliva 6.5 Mark - Color fastness against perspiration 6.6 Specification of buoyancy 6.7 Effectiveness of anti-reflux valve 6.8 Remaining buoyancy 6.9 Wearing sensation, Maintenance, Edge, Corner and Ends 6.10 Safety of buckle 6.11 Adhesion strength of adhesion parts and resistance of air injection parts 6.12 Puncture test 6.13 Adhesion strength of mark 6.14 Small parts 6.15 Test methods of static load for end products 6.16 Test methods of material properties and special equipment performance 6.16.1 Resistance against water absorption of foam and other inherently buoyant material 6.16.2 Resistance against compressibility of foam and other inherently buoyant material Part 4 Requirements and test methods for buoyant devices to be held 6.2 The preconditioning process 6.3 Materials & Mark - Color fastness against chlorinated salt water 6.4 Mark - Color fastness against saliva 6.5 Mark - Color fastness against perspiration 6.6 Specification of buoyancy 6.7 Valve, Edge, Corner parts and Ends 6.8 Air injection buoyant devices 6.8.1 Effectiveness of	Assessment 6.14 : Visual Assessment 6.15 :Visual Assessment 6.16.1 : (0 ~ 2 000) N 6.16.2 : (0 ~ 2 000) N 6.3 : Visual Assessment, (1 ~ 5) grade 6.4 : Visual Assessment, (1 ~ 5) grade 6.5 : Visual Assessment, (1 ~ 5) grade 6.6 : (0 ~ 2 000) N 6.7 : Visual and tactile assessment 6.8.1 : Visual Assessment, (0 ~ 2 000) N 6.8.2 : Visual Assessment 6.8.3 : Visual Assessment, (0 ~ 200) N 6.9 : Visual Assessment 6.10 : Visual Assessment 6.11.1 (0 ~ 2 000) N		

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
		anti-reflux valve 6.8.2 Adhesion strength of adhesion parts and resistance of air injection parts 6.8.3 Puncture test 6.9 Adhesion strength of mark 6.10 Small parts 6.11 Test methods of material properties 6.11.1 Resistance against water absorption of foam and other inherently buoyant material			
KATS Notice No.2017-017(01.31.2017.)	Household items	Safety certification Safety standard Annex 5 Gas lighters 5.1 Ignition of Flame 5.3 Control Device of Flame Height 6.8 Durability Test by Normal Ignition Test 7.1 Height of Flame 7.2 Spitting, Sputtering, Flaring 7.3 Extinction of Flame 7.4 Volume of Fuel 7.5 Gas Leak of Fuel Inlet 7.6 Drop Test 7.7 Durability Test by High Temperature 7.8 Durability Test by Continuous Ignition Test 7.9 Durability Test by Circulation Ignition Test 7.10 Suitability of Fuel 7.11 Internal Pressure Test 7.12 Assembly Strength Test 7.13 Volumetric fuel-displacement test	5.1 : Visual assessment, (0 ~ 200) N 5.3 : Visual assessment, (0 ~ 200) N 6.8 : Visual assessment 7.1 : (0 ~ 300) mm 7.2 : Visual assessment, (0 ~ 300) mm 7.3 : (0 ~ 10) h 7.4 : (0 ~ 220) g 7.5 : (0 ~ 220) g, (0 ~ 10) h 7.6 : Visual assessment, (0 ~ 220) g, (0 ~ 10) h, 7.7 : Visual assessment, (0 ~ 220) g, (0 ~ 10) h 7.8 : Visual assessment 7.9 : Visual assessment 7.10 : (0 ~ 220) g, (0 ~ 10) h 7.11 : (0 ~ 3) MPa 7.12 : Visual assessment 7.13 : (0 ~ 220) g	BS	N
KATS Notice No.2017-032(02.08.2017.)	Household items	Safety Confirmation Safety Standard Annex 68 Thermal pack for children 6.2 Sealing test 6.3 Strength test 6.3.1 Tension test 6.3.2 Drop test 6.5 Rate of Temperature increase 6.6 Adhesive strength 6.7 Liquid leak test	6.2 : Visual assessment 6.3.1 : (0.1 ~ 200) N 6.3.2 : Visual assessment 6.5 : 0.01 ℃ or more, 1 s or more 6.6 : Visual assessment 6.7 : (0.1 ~ 200) N	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
KATS Notice No.2018-194(06.29.2018.)	Household items	Supplier's conformity Safety Standard Annex 11 False eyelashes 5.2 Measure of false eyelashes's length	(0 ~ 300) mm	BS	N
KATS Notice No.2020-349(11.02.2020.)	Household items	Safety certification Safety standard Annex 10 BB Guns Part 1 For youth 4.1 Appearance 4.2 Structure 4.2.1 Sharp edge 4.2.2 Bullet 4.2.3 Firing energy 4.2.4 Structure of firing part 4.3 Performance 4.3.1 Firing performance 4.3.2 Trigger percussion force 4.3.3 Kinetic energy of the bullet 4.3.4 Safety device force 4.3.5 Drop test Part 2 For adult 4.1 Appearance 4.2 Structure 4.2.1 Sharp edge 4.2.2 Bullet 4.2.3 Firing energy 4.2.4 Structure of firing part 4.2.5 Gas inlet 4.3 Performance 4.3.1 Firing performance 4.3.2 Trigger percussion force 4.3.3 Kinetic energy of the bullet 4.3.4 Safety device force 4.3.5 Drop test 4.3.6 Thermal resistance(Gas injection type only)	4.1 : Visual and tactile assessment 4.2.1 : Visual Assessment 4.2.2 : (0~ 220) g, (0 ~ 25) mm 4.2.3 : Visual Assessment 4.2.4 : Visual and tactile assessment 4.3.1 : Visual and operational assessment 4.3.2 : (0 ~ 200) N 4.3.3 : (0 ~ 0.25) J 4.3.4 : Visual and operational assessment , (0 ~ 200) N 4.3.5 : Visual and operational assessment 4.1 : Visual and tactile assessment 4.2.1 : Visual assessment 4.2.2 : (0 ~ 220) g, (0 ~ 25) mm 4.2.3 : Visual assessment 4.2.4 : Visual and tactile assessment 4.2.5 : Visual and tactile assessment 4.3.1 : Visual and operational assessment 4.3.2 : (0 ~ 200) N 4.3.3 : (0 ~ 0.25) J 4.3.4 : Visual and operational assessment, (0 ~ 200) N 4.3.5 : Visual and operational assessment 4.3.6 : Visual and operational assessment	BS	N
KATS Notice No.2021-136(05.26.2021.)	Household items	Compliance with Safety Standard Annex 7 Sunglasses 4.1 Blocking rate of rays	4.1 : 0.01 % or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MOTIE Notice No.2015-107(06.04.2015.)	Household items	Safety certification Safety standard Annex 1 Aquatic Equipment For Children Part 1 Inflatable aquatic equipment 5.1 Appearance 5.2 Determination of Thickness of fabric 5.3 Breaking strength of plastic fabric 5.4 Weight loss on heat 5.5 Measuring the volume of the air chamber 5.6 Breaking strength 5.7 Air tightness against pressure Part 2 Buoyant aids to be worn 6.2 The composition of the pre-conditions prior to testing 6.3 Materials & Mark - Color fastness against chlorinated salt water 6.4 Mark - Color fastness against saliva 6.5 Mark - Color fastness against perspiration 6.6 Specification of buoyancy 6.7 Effectiveness of anti-reflux valve 6.8 Remaining buoyancy 6.9 Wearing sensation, Maintenance, Edge, Corner and Ends 6.10 Safety of buckle 6.11 Adhesion strength of adhesion parts and resistance of air injection parts 6.12 Puncture test 6.13 Adhesion strength of mark 6.14 Small parts 6.15 Test methods of static load for end products 6.16 Test methods of material properties and special equipment performance 6.16.1 Resistance against water absorption of foam and other inherently buoyant material	5.1 :Visual and tactile assessment 5.2 : (0 ~ 10) mm 5.3 : (0 ~ 30) kN 5.4 : (0 ~ 220) g 5.5 : (0 ~ 200) mmHg, (0.001 ~ 1 000) ㎥ 5.6 : Visual assessment, (0 ~ 200) N 5.7 : Visual assessment, (0 ~ 200) mmHg 5.1 : Visual and tactile assessment 5.2 : (0 ~ 10) mm 5.3 : (0 ~ 30) kN 5.4 : (0 ~ 220) g 5.5 : Visual assessment 5.6 : (0 ~ 200) mmHg, (0.001 ~ 1 000) ㎥ 5.7 : (0 ~ 30) 5.8 : kN Visual assessment, (0 ~ 200) mmHg 5.9.1 : (0 ~ 8 200) g 5.9.2 : (0 ~ 30) kN 5.9.3 : (0 ~ 30) kN 5.9.4 : (0 ~ 30) kN, (0 ~ 120) ℃, (0 ~ 100) % R.H. 5.9.5 : (0 ~ 30) kN , (0 ~ 200) ℃ 5.10 : (0 ~ 30) kN 5.11 : Visual assessment 5.12 : Visual assessment 5.13 : Visual assessment 6.3 : Visual assessment, (1 ~ 5) grade 6.4 : Visual assessment, (1 ~ 5) grade 6.5 : Visual assessment, (1 ~ 5) grade 6.6 : (0 ~ 2 000) N 6.7 : Visual assessment, (0 ~ 2 000) N 6.8 : (0 ~ 2 000) N 6.9 : Visual and tactile assessment 6.10 : (0 ~ 200) N 6.11 : Visual assessment 6.12 : Visual assessment, (0 ~ 200) N 6.13 : Visual assessment 6.14 : Visual assessment	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
		6.16.2 Resistance against compressibility of foam and other inherently buoyant material 6.16.7 Safety of infant flotation seat Part 3 Requirements and test methods for buoyant devices 6.2 The preconditioning process 6.3 Materials & Mark - Color fastness against chlorinated salt water 6.4 Mark - Color fastness against saliva 6.5 Mark - Color fastness against perspiration 6.6 Specification of buoyancy 6.7 Valve, Edge, Corner parts and Ends 6.8 Air injection buoyant devices 6.8.1 Effectiveness of anti-reflux valve 6.8.2 Adhesion strength of adhesion parts and resistance of air injection parts 6.8.3 Puncture test 6.9 Adhesion strength of mark 6.10 Small parts 6.11 Test methods of material properties 6.11.1 Resistance against water absorption of foam and other inherently buoyant material	6.15 : Visual assessment 6.16.1 : (0 ~ 2 000) N 6.16.2 : (0 ~ 2 000) N 6.3 : Visual assessment, (1 ~ 5) grade 6.4 : Visual assessment, (1 ~ 5) grade 6.5 : Visual assessment, (1 ~ 5) grade 6.6 : (0 ~ 2 000) N 6.7 : Visual and tactile assessment 6.8.1 : Visual assessment (0 ~ 2 000) N 6.8.2 : Visual assessment 6.8.3 : Visual assessment, (0 ~ 200) N 6.9 : Visual assessment 6.10 : Visual assessment 6.11.1 : (0 ~ 2 000) N		

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MOTIE Notice No.2015-107(06.04.2015.)	Household items	Safety certification Safety standard Annex 4 BB Guns for Children 5.1 Appearance 5.2 Structure 5.2.1 Sharp edge 5.2.2 Bullet 5.2.3 Firing energy 5.2.4 Structure of firing part 5.2.5 Safety device 5.3 Performance 5.3.1 Firing performance 5.3.2 Trigger percussion force 5.3.3 Kinetic energy of BB bullet 5.3.4 Drop test 5.3.6 Wrapping film	5.1 : Visual and tactile assessment 5.2.1 : Visual assessment 5.2.2 : (0 ~ 220) g, (0 ~ 25) mm 5.2.3 : Visual assessment 5.2.4 : Visual and tactile assessment 5.2.5 : Visual and tactile assessment, (0 ~ 200) N 5.3.1 : Visual and operational assessment 5.3.2 : (0 ~ 200) N 5.3.3 : (0 ~ 0.25) J 5.3.4 : Visual and operational assessment 5.3.6 : (0 ~ 25) mm	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MOTIE Notice No.2015-108(06.04.2015.)	Household items	Safety Confirmation Safety Standard Annex 12 Baby walking frames 4.1 General Requirements 4.2 Materials 4.2.2 Hazardous magnet 4.3 Construction 4.3.1 Measurement of Rounded lines 4.3.2 Seat height 4.3.3 Gap between Upper parts of rounded line and padded seat 4.3.4 Configuration of the back and seat liner 4.3.5 Gap between Inner parts of rounded line and vertical plane 4.3.6. Openings 4.3.7. Tests for locking, folding mechanisms 4.4 Performance 4.4.1 Attachment of small part components 4.4.2 Strength requiring moving 4.4.3 Dynamic stability test 4.4.4 Static strength test 4.4.5 Static strength of the seat and liner 4.4.6 Overload test 4.4.7 Prevention of falls down steps test 4.4.8 Parking devices test	4.2.2 : 0.01 kG/㎟ or more 4.3.1 : 1 mm or more 4.3.2 : 1 mm or more 4.3.3 : 1 mm or more 4.3.4 : 1 mm or more 4.3.5 : 1 mm or more 4.3.6 : Visual assessment 4.3.7 : Visual assessment 4.4.1 : Visual assessment 4.4.2 : (0.1 ~ 500) N 4.4.3 : Visual assessment 4.4.4 : Visual assessment 4.4.5 : 1 mm or more 4.4.6 : Visual assessment 4.4.7 : Visual assessment 4.4.8 : 1 mm or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MOTIE Notice No.2015-108(06.04.2015.)	Household items	Safety Confirmation Safety Standard Annex 13 Baby Carriage 6.1 General Requirements 6.2 Materials 6.2.1 Bursting strength 6.2.2 Wheel hardness 6.2.4 Magnets or magnetic components 6.3 Construction 6.3.1 Shape 6.3.2 Degree of seat unit 6.3.3 Determination of the protected volume 6.3.4 Seat Recline Measurement 6.3.5 Seat belts 6.3.6 Crotch restraint 6.3.7 Shoulder belt 6.3.8 Strength of the harness anchorage points 6.3.9 Scaffold overload 6.3.10 Unintentional release of the locking mechanism by one single action 6.3.11 Openings 6.3.12 Angle between the backrest and the horizon 6.3.13 Small parts cylinder 6.4 Performance 6.4.1 Driving 6.4.2 Tip over 6.4.3 Parking brake 6.4.4 Scaffold overload 6.4.5 Strength of fastener 6.4.6 Crotch restraint Strength test 6.4.7 Backrest overload 6.4.8 Vibration acceleration 6.4.9 Irregular surface test 6.4.10 Impact durability	6.2.1 : 1 kN/m² or more 6.2.2 : HS (0 ~ 100) 6.2.4 : 0.01 kG²㎜ or more 6.3.1 : Visual assessment 6.3.2 : 1 mm or more 6.3.3 : 1 mm or more 6.3.4 : (0.1 ~ 90.0)° 6.3.5 : 1 mm or more 6.3.6 : 1 mm or more 6.3.7 : 1 mm or more 6.3.8 : (0.1 ~ 200) N 6.3.9 : 1 mm or more 6.3.10 : (0.1 ~ 200) N, (0.1 ~ 3.0) Nm 6.3.11 : Visual assessment 6.3.12 : (0.1 ~ 90.0)° 6.3.13 : Visual assessment 6.4.1 : Visual assessment 6.4.2 : Visual assessment 6.4.3 : Visual assessment 6.4.4 : Visual assessment 6.4.5 : 1 mm or more 6.4.6 : 1 mm or more 6.4.7 : (1 ~ 200)N or more 6.4.8 : 0.1 m/s² or more 6.4.9 : Visual assessment 6.4.10 : Visual assessment	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MOTIE Notice No.2015-108(06.04.2015.)	Household items	Safety Confirmation Standard Annex 14 Children's cots Part 1. General 3.1 Structural integrity 3.2 Measurement 3.3. Material 3.4 Magnets or magnetic components Part 2. Reclined cradles - safety requirements and test methods 5.1 Springs 5.2 Locking mechanisms for folding system 5.2.1 Unintentional release of locking mechanism 5.2.2 Locking mechanisms 5.2.3 Durability of latch system and locking mechanism 5.3 Adjustment system 5.4 Stability 5.5 Static strength 5.6 Dynamic strength of carrying handle 5.7 Slippage of the reclined cradle 5.8 Restraint slippage system 5.9 Strength of the restraint system 5.10 Durability 5.11 Braking system of stopper 5.12 Durability of the back seat unit Part 3. Domestic toddlers' beds and cradles - safety requirements and test methods 5.1 Inspection before testing 5.2 Inspection of product 5.3 Measurement 5.3.1 Height of sides and ends 5.3.2 Holes, V and irregular shaped holes, gaps and openings 5.4 Detachable part 5.5 Strength of cot base 5.6 Static load test of slats (bending test) 5.7 Strength of sides or	3.1 : Visual assessment 3.2 : 0.5 mm or more 3.3 : 0.1 mm/s or more 3.4 : 0.01 kG·㎜ or more - 5.1 : 0.5 mm or more 5.2 : - 5.2.1 : Visual assessment 5.2.2 : Visual assessment 5.2.3 : Visual assessment 5.3 : 0.1° or more 5.4 : Visual assessment 5.5 : Visual assessment 5.6 : Visual assessment 5.7 : 0.5 mm or more 5.8 : 0.5 mm or more 5.9 : Visual assessment 5.10 : Visual assessment 5.11 : Visual assessment 5.12 : Visual assessment 5.1 : Visual assessment 5.2 : Visual assessment 5.3 : - 5.3.1 : 0.5 mm or more 5.3.2 : 0.5 mm or more 5.4 : Visual assessment 5.5 : Visual assessment 5.6 : Visual assessment 5.7 : Visual assessment 5.8 : Visual assessment 5.9 : Visual assessment 5.10 : 0.1 N or more 5.11 : Visual assessment - 5.1 : Visual assessment 5.2 : Visual assessment 5.3 : - 5.3.1 : 0.5 mm or more 5.3.2 : 0.5 mm or more 5.3.3 : Visual assessment 5.4 : Visual assessment 5.5 : Visual assessment 5.6 : 0.5 mm or more 5.7 : 0.5 mm or more 5.8 : - 5.8.1 : Visual assessment 5.8.2 : Visual assessment 5.9 : Visual assessment	BS	N

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
		side slats (impact test) 5.8 Vertical static load test 5.9 Stability test 5.10 Locking systems 5.11 Casters / wheels Part 4. Children's cots and folding cots for domestic use- safety requirements and test methods 5.1 Inspection before testing 5.2 Inspection of product 5.3 Measurement 5.3.1 Height of sides and ends 5.3.2 Measurement of distance between cot base and sides and ends, Mesh of sides and ends 5.3.3 Holes, gaps and openings of the cot 5.4 Detachable part 5.5 Static load test of bed base(impact test) 5.6 Strength of sides or side slats (bending test) 5.7 Strength of sides or side slats (impact test) 5.8 Strength of frame and fastenings 5.8.1 Vertical static load test 5.8.2 Frames and fastenings (fatigue test) 5.9 Stability test 5.10 Locking systems 5.10.1 Static strength 5.10.2 Dynamic strength 5.11 Locking systems for wheels or casters Part 5. Domestic play yard - safety requirements and test methods 5.1 Inspection before testing 5.2 Inspection of product 5.3 Measurement 5.3.1 Height of sides 5.3.2 Holes, gaps and openings 5.3.2.1 Open-ended tubes 5.3.2.2 Entrapment of	5.10 : - 5.10.1 : Visual assessment 5.10.2 : 0.1 N or more 5.11 : Visual assessment - 5.1 : Visual assessment 5.2 : Visual assessment 5.3 : - 5.3.1 : 0.5 mm or more 5.3.2 : 0.5 mm or more 5.3.2.1 : Visual assessment 5.3.2.2 : Visual assessment 5.3.2.3 : Visual assessment 5.3.2.4 : Visual assessment 5.3.2.5 : 0.5 mm or more 5.3.2.6 : Visual assessment 5.4 : Visual assessment 5.5 : Visual assessment 5.6 : Visual assessment 5.7 : Visual assessment 5.8 : Visual assessment 5.9 : - 5.9.1 : 0.1 N or more 5.9.2 : Visual assessment 5.9.3 : 0.1 N or more 5.10 : - 5.10.1 : Visual assessment 5.10.2 : Visual assessment 5.11 : - 5.11.1 : Visual assessment 5.11.2 : Visual assessment 5.11.3 : - 5.11.3.1 : Visual assessment 5.11.3.2 : Visual assessment 5.11.4 : Visual assessment 5.12 : Visual assessment 5.13 : Visual assessment		

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
		fingers 5.3.2.3 Entrapment of legs 5.3.2.4 Entrapment of head, neck and body 5.3.2.5 Cords and hooks 5.3.2.6 Sharp points and edges 5.4 Shearing and compression 5.5. Footholds 5.6 Detachable parts 5.7 Bite test 5.8 Holes, gaps and openings 5.9 Folding or locking mechanisms 5.9.1 Stability of locking mechanisms 5.9.2 Locking and folding for complete unit 5.9.3 locking mechanism test 5.10 Base 5.10.1 Base attachment 5.10.2 Impact test 5.11 Strength 5.11.1 Strength of sides or side slats (bending test) 5.11.2 Strength of sides or side slats (impact test) 5.11.3 Frame and fastenings 5.11.3.1 Vertical static load test 5.11.3.2 Strength of frame and fastenings (fatigue test) 5.11.4 Strength of side nets or textile 5.12 Stability test 5.13 Caster/Wheels			
MOTIE Notice No. 2015-108(06.04.2015.)	Household items	Safety Confirmation Safety Standard Annex 15 Thermal pack for children 6.2 Sealing test 6.3 Strength 6.3.1 Tension test 6.3.2 Drop test 6.7 Rate of Temperature increase 6.8 Attachment 6.9 Leakage test of the liquid-filling	6.2 : Visual assessment 6.3.1 : (0.1 ~ 200) N 6.3.2 : Visual assessment 6.7 : 0.01 ℃ or more, 0.01 second or more 6.8 : Visual assessment 6.9 : (0.1 ~ 200) N	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MOTIE Notice No.2015-108(06.04.2015.)	Household items	Safety Confirmation Safety Standard Annex 16 Children's Carrier Part 1 Children's Soft Carrier 6.1 General requirements of shape 6.2 Materials 6.2.3 Flammability of textiles 6.2.4 Corrosion resistance 6.3 Construction 6.3.1 General requirements of shape 6.3.2 Small parts 6.3.3 Cords, straps, belts and parts used as ties 6.4 Performance 6.4.1 Accessibility of fillings 6.4.2 Durability of attachment systems 6.4.3 Dynamic strength test 6.4.4 Strength of straps 6.4.5 Head support 7. Packaging Part2 Children's Frame Carrier 6.1 General requirements of shape 6.2 Materials 6.2.3 Flammability of textiles 6.2.4 Corrosion resistance 6.3 Construction 6.3.1 General requirements 6.3.2 Gaps and openings 6.3.3 Edges 6.3.4 Small parts 6.3.5 Openings of moving parts 6.3.6 Cords, straps, belts and parts used as ties 6.4 Performance 6.4.1 Accessibility of fillings 6.4.2 Stability 6.4.3 Durability of attachment systems 6.4.4 Dynamic strength 6.4.5 Child restraint	6.1 : 1 mm or more 6.2.3 : 0.1 mm/s or more 6.2.4 : Visual assessment 6.3.1 : Visual assessment 6.3.2 : Visual assessment 6.3.3 : 1 mm or more 6.4.1 : Visual assessment 6.4.2 : Visual assessment 6.4.3 : 1 mm or more 6.4.4 : (1 ~ 200) N 6.4.5 : Visual assessment 7 : 0.001 mm or more 6.1 : 1 mm or more 6.2.3 : 0.1 mm/s or more 6.2.4 : Visual assessment 6.3.1 : Visual assessment 6.3.2 : Visual assessment 6.3.3 : Visual assessment 6.3.4 : Visual assessment 6.3.5 : Visual assessment 6.3.6 : 1 mm or more, 0.1 N or more 6.4.1 : Visual assessment 6.4.2 : Visual assessment 6.4.3 : Visual assessment 6.4.4 : 0.1 mm or more 6.4.5 : Visual assessment 6.4.6 : (1 ~ 200) N 6.4.7 : (1 ~ 200) N 6.4.8 : Visual assessment 7 : 0.001 mm or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
		system 6.4.6 Strength of straps 6.4.7 Strength of frames 6.4.8 Head support 7. Packaging			
MOTIE Notice No.2015-108(06.04.2015.)	Household items	Safety Confirmation Standard Annex 5 Children's two-stage beds 5.1 Inspection before testing 5.2 Structural integrity 5.3 Measurement of distance between cot base and sides and ends 5.4 Strength test 5.4.1 Positioning of the bed 5.4.2 Static load on safety barriers 5.4.3 Upwards and downwards static load on bed base 5.4.4 Impact test on bed base 5.4.5 Durability test on bed base 5.5 Durability test on frame and fastenings 5.6 Ladders 5.6.1 Attachment, deflection and strength 5.6.2 Tread impact test 5.7 Stability test 5.8 Fastening of the upper bed to the lower bed	5.1 : Visual assessment 5.2 : Visual assessment 5.3 : 0.5 mm or more 5.4 : - 5.4.1 : Visual assessment 5.4.2 : Visual assessment 5.4.3 : Visual assessment 5.4.4 : Visual assessment 5.4.5 : Visual assessment 5.5 : Visual assessment 5.6 : - 5.6.1 : Visual assessment 5.6.2 : Visual assessment 5.7 : Visual assessment 5.8 : Visual assessment	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MOTIE Notice No.2015-108(06.04.2015.)	Household items	Safety Confirmation Standard Annex 8 Children's chair Part 1 : Children's high chairs 5.1 General 5.2 Test equipment 5.3 Structural integrity 5.6 Thermal hazards 5.7 Strength of the anchorage points 5.8 Crotch restraint 5.9 Stability 5.10 Strength 5.11 Safety device 5.12 Hazards caused by folding of the products 5.13 Hazards caused by the height adjustment Part 2 : Children's booster seats 5.1 General 5.2 Test equipment 5.3 Structural integrity 5.6 Thermal hazards 5.7 Strength 5.8 Strength of seat 5.9 Safety device Part 3 : Children's table mounted chairs 5.1 General 5.2 Test equipment 5.3 Structural integrity 5.6 Thermal hazards 5.7 Strength 5.8 Drop test 5.9 Strength of seat 5.10 Safety device 5.11 Strength of table mounted test	5.1 Visual assessment 5.2 Visual assessment 5.3 0.5 mm or more 5.6 0.1 mm/s or more 5.7 1 N or more 5.8 1 N or more 5.9 1 N or more 5.10 1 N or more 5.11 1 N or more 5.12 1 N or more 5.13 1 N or more 5.1 Visual assessment 5.2 Visual assessment 5.3 0.5 mm or more 5.6 0.1 mm/s or more 5.7 1 N or more 5.8 Visual assessment 5.9 1 N or more 5.1 Visual assessment 5.2 Visual assessment 5.3 0.5 mm or more 5.6 0.1 mm/s or more 5.7 1 N or more 5.8 Visual assessment 5.9 Visual assessment 5.10 1 N or more 5.11 Visual assessment	BS	N
MOTIE Notice No.2015-109(06.04.2015.)	Household items	Supplier's Conformity Safety Standard Annex 11 Children's jewelry 5.1 Material 5.2 Functions 5.2.1 Color fastness 5.2.2 Function 5.2.3 Edges 5.2.4 Sharp points 5.2.5 Breakaway features and releases	5.1 : Visual assessment 5.2.1 : Visual assessment 5.2.2 : Visual assessment 5.2.3 : 1 mm or more 5.2.4 : Visual assessment 5.2.5 : (0.1 ~ 200) N	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MOTIE Notice No.2017-016(01.31.2017.)	Household items	Safety Confirmation safety Standard Annex 2 Care articles for children Part 1. Children's bedguards 5.1 Material 5.2 Mechanical and physical property 5.2.1 Small object 5.2.2 Sharp edge 5.2.3 Sharp Point 5.2.4 Projections 5.2.5 Magnets and magnetic parts 5.2.6 Structure 5.2.7 Static strength 5.3 Installation and Components 5.3.1 Installation 5.3.2 Components Part 2. Soothers for babies and young children 5.1 Mechanical and physical property 5.1.1 General structure 5.1.2 Guard Devices 5.1.3 Projections 5.1.4 Pacifiers 5.1.5 Rings or handle test of pacifiers 5.1.6 Heat-resistant test 5.1.7 Fastness of color 5.1.8 Magnets and magnetic parts Part 3. Soother holder for babies and young children 5.1 Mechanical and physical property 5.1.1 General structure 5.1.2 Finger entrapment test 5.1.3 Length 5.1.4 Width of band 5.1.5 Thickness of cord 5.1.6 Exposed cord length 5.1.7 Impact resistance 5.1.8 Tensile strength test 5.1.9 Fastness of color 5.1.10 Air permeability 5.1.11 Magnets and magnetic parts Part 4. Floor mat 5.1 Mechanical/Physical properties 5.1.1 Materials 5.1.2 Small objects	5.1 : Visual assessment 5.2.1 : Visual assessment 5.2.2 : 1 mm or more 5.2.3 : Visual assessment 5.2.4 : (0.1 ~ 500) N 5.2.5 : 0.01 kG/㎟ or more 5.2.6 : 1 mm or more 5.2.7 : (0.1 ~ 200) N 5.3.1 : (0.1 ~ 200) N 5.3.2 : Visual assessment 5.1.1 : Visual assessment 5.1.2 : (0.1 ~ 200) N 5.1.3 : (0.1 ~ 200) N 5.1.4 : (0.1 ~ 200) N 5.1.5 : (0.1 ~ 200) N 5.1.6 : (16 ~ 100) ℃ 5.1.7 : (1 ~ 5) grade 5.1.8 : 0.01 kG/㎟ or more 5.1.1 : Visual assessment 5.1.2 : Visual assessment 5.1.3 : (0.1 ~ 200) N, 1 mm or more 5.1.4 : (0.1 ~ 200) N, 1 mm or more 5.1.5 : 0.01 mm or more 5.1.6 : 1 mm or more 5.1.7 : 0.01kg, 1mm or more 5.1.8 : 1 N, 1 mm/min or more 5.1.9 : (1 ~ 5) grade 5.1.10 : 0.01 mm or more 5.1.11 : 0.01 kG/㎟ or more 5.1.1 : Visual assessment 5.1.2 : Visual assessment 5.1.3 : 1 mm or more 5.1.4 : Visual assessment 5.1.5 : (0.1 ~ 500) N 5.1.6 : 0.01 kG/㎟ or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
		5.1.3 Edges 5.1.4 Sharp point 5.1.5 Protrusion 5.1.6 Magnets and magnetic parts			
MOTIE Notice No.2019-201(12.03.2019.)	Household items	Common safety standard for Children's Products 4.2 Test Method of Physical Safety Requirements 4.2.1 Small parts test 4.2.2 Sharp-edge test 4.2.3 Sharp-point test 4.2.4 Magnetic flux index 4.2.5 Dipping test for magnets 4.2.6 Tension test for magnets 4.2.7 Drop Test 4.2.8 Tipover testing of a large children's products 4.2.9 Torque Test 4.2.10 Tensile Test 4.2.11 Magnetic Impact Test 4.2.12 Compression test	4.2.1 : Visual assessment 4.2.2 : 1 mm or more 4.2.3 : Visual assessment 4.2.4 : 0.01 kG㎟ or more 4.2.5 : Visual assessment 4.2.6 : Visual assessment 4.2.7 : Visual assessment 4.2.8 : Visual assessment 4.2.9 : Visual assessment 4.2.10 : Visual assessment 4.2.11 : Visual assessment 4.2.12 : Visual assessment	BS	N
MOTIE Notice No.2020-020(03.01.2020.)	Household items	Supplier's Conformity Safety Standard Annex 14 Furniture for Children 6.1 Reasonably foreseeable abuse tests 6.2 General structure 6.3 Small parts 6.4 Edges 6.5 Sharp points 6.6 Protruding parts 6.7 Cords 6.8 Stability	6.1 : Visual assessment 6.2 : Visual assessment 6.3 : Visual assessment 6.4 : Visual assessment 6.5 : Visual assessment 6.6 : Visual assessment 6.7 : 0.5 mm or more 6.8 : Visual assessment	BS	N
MOTIE Notice No.2020-229(12.30.2020.)	Household items	Safety Confirmation Safety Standard Annex 11 School things 5.8 Marking instruments - Specification for caps	5.8 : (5 ~ 25) L/min, (4 ~ 50) kPa	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MOTIE Notice No.2020-229(12.30.2020.)	Household items	Safety Confirmation Standard Annex 6 Toys Part 2. Safety aspects related to mechanical and physical properties 5.1 General 5.2 Small parts test 5.3 Test for shape and size of certain toys 5.4 Small balls and suction cups test 5.5 Test for pompoms 5.6 Test for pre-school play figures 5.7 Accessibility of a part or component 5.8 Sharp-edge test 5.9 Sharp-point test 5.10 Determination of thickness of plastic film and sheeting 5.11 Test for cords 5.12 Stability and overload tests 5.13 Test for closures and toy chest lids 5.14 Impact test for toys that cover the face 5.15 Kinetic energy of projectiles, bows and arrows 5.16 Free-wheeling facility and brake performance test 5.17 Determination of speed of electrically driven ride-on toys 5.18 Determination of temperature increases 5.19 Leakage of liquid-filled toys 5.20 Durability of mouth-actuated toys 5.21 Expanding materials 5.22 Folding or sliding mechanisms 5.23 Washable toys 5.24 Reasonably foreseeable abuse tests 5.25 Borosilicate glass 5.26 Bite test 5.27 Determination of sound pressure levels 5.28 Static strength for toy scooters 5.29 Dynamic strength for toy scooters 5.30 Brake performance	5.2 : Visual assessment 5.3 : Visual assessment 5.4 : Visual assessment 5.5 : Visual assessment 5.6 : Visual assessment 5.7 : Visual assessment 5.8 : 1 mm or more 5.9 : Visual assessment 5.10 : 0.001 mm or more 5.11 : 1 mm, 1 MΩ/cm or more 5.12 : Visual assessment 5.13 : 0.1 mm or more 5.14 : Visual assessment 5.15 : 0.005 J or more 5.16 : 1 mm, 0.1 N or more 5.17 : 0.1 km/h or more 5.18 : 0.01 K or more 5.19 : (0.1 ~ 200) N 5.20 : Visual assessment 5.21 : (10 ~ 100) % 5.22 : Visual assessment 5.23 : Visual assessment 5.24 : Visual assessment 5.25 : specific gravity (0.05 ~ 3.0) 5.26 : Visual assessment 5.27 : (25 ~ 138) dB 5.28 : Visual assessment 5.29 : Visual assessment 5.30 : 1 mm, 0.1 N or more 5.31 : Visual assessment 5.32 : Visual assessment 5.33 : Visual assessment 5.34 : 0.01 kG/㎟ or more 5.35 : Visual assessment 5.36 : Visual assessment 5.37 : 1 mm or more 5.38 : Visual assessment	BS	N

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
		for toy scooters 5.31 Strength of toy scooter steering tubes 5.32 Resistance to separation of handlebar 5.33 Tension test for magnets 5.34 Determination of magnetic flux indexes 5.35 Impact test for magnets 5.36 Soaking test for magnets 5.37 Determination of projectile range 5.38 Tip assessment of rigid projectiles 5.39 Length of suction cup projectiles Annex A Battery-Operated Toys) Part 3. Flammability 5.2 Test relating to beards, moustaches, wigs, etc., made from hair, pile or material with similar features (e.g. free-hanging ribbons, paper or cloth strands), which protrude more than or equal to 50 mm from the surface of the toy 5.3 Test relating to beards, moustaches, wigs, etc., made from hair, pile or material with similar features (e.g. free-hanging ribbons, paper or cloth strands), which protrude less than 50 mm from the surface of the toy 5.4 Test relating to flowing elements of toys to be worn on the head (except those covered by 4.2.2 and 4.2.3), hoods, head-dresses, etc., fabric masks which partially or fully cover the head, toy disguise costumes, toys intended to be worn by a child in a play and toys intended to be entered by a child 5.5 Test for soft-filled toys Part 5. Activity toys for domestic use	5.39 : 1 mm or more Annex A : Visual assessment 5.2 : 0.1 mm/s or more 5.3 : 0.1 mm/s or more 5.4 : 0.1 mm/s or more 5.5 : 0.1 mm/s or more 6.1 : (0.1 ~ 90.0)° 6.2 : Visual assessment 6.3 : Visual assessment 6.4 : 0.1 ㎨ or more, 0.1 N/㎠ or more 6.5 : Visual assessment 6.6 : Visual assessment 6.7 : Visual assessment 6.8 : Visual assessment 5.26 : specific gravity (0.05 ~ 3.0) Annex A : 0.1 N or more		

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
		6.1 Stability 6.2 Static strength 6.3 Dynamic strength of barrier and handrails 6.4 Determination of impact from swing elements 6.5 Test for head and neck entrapment 6.6 Toggle test 6.7 Test for protruding parts 6.8 Durability test for suspension connectors and suspension couplings Part 6. Experimental sets for chemistry and related activities 5.2.6 Test method for borosilicate glass Annex A Test methods for closures of reagent containers			
MOTIE Notice No.2021-089(05.26.2021.)	Household items	Supplier's Conforimity Safety Standard Annex 3 Sunglass / Glasses Frame for children 4.1 Blocking rate of rays	4.1 : 0.01 % or more	BS	N
MOTIE Notice No.2021-132(07.19.2021.)	Household items	Common safety standard for Children's Products 4.2 Test Method of Physical Safety Requirements 4.2.1 Small parts test 4.2.2 Sharp-edge test 4.2.3 Sharp-point test 4.2.4 Magnetic flux index 4.2.5 Dipping test for magnets 4.2.6 Tension test for magnets 4.2.7 Drop Test 4.2.8 Tipover testing of a large children's products 4.2.9 Torque Test 4.2.10 Tensile Test 4.2.11 Magnetic Impact Test 4.2.12 Compression test	4.2.1 : Visual assessment 4.2.2 : 1 mm or more 4.2.3 : Visual assessment 4.2.4 : 0.01 kG㎟ or more 4.2.5 : Visual assessment 4.2.6 : Visual assessment 4.2.7 : Visual assessment 4.2.8 : Visual assessment 4.2.9 : Visual assessment 4.2.10 : Visual assessment 4.2.11 : Visual assessment 4.2.12 : Visual assessment	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MOTIE Notice No.2021-229(12.29.2021.)	Household items	Common safety standard for Children's Products 4.2 Test Method of Physical Safety Requirements 4.2.1 Small parts test 4.2.2 Sharp-edge test 4.2.3 Sharp-point test 4.2.4 Magnetic flux index 4.2.5 Dipping test for magnets 4.2.6 Tension test for magnets 4.2.7 Drop Test 4.2.8 Tipover testing of a large children's products 4.2.9 Torque Test 4.2.10 Tensile Test 4.2.11 Magnetic Impact Test 4.2.12 Compression test	4.2.1 : Visual assessment 4.2.2 : 1 mm or more 4.2.3 : Visual assessment 4.2.4 : 0.01 kG㎟ or more 4.2.5 : Visual assessment 4.2.6 : Visual assessment 4.2.7 : Visual assessment 4.2.8 : Visual assessment 4.2.9 : Visual assessment 4.2.10 : Visual assessment 4.2.11 : Visual assessment 4.2.12 : Visual assessment	BS	N
MOTIE Notice No.2021-230(12.29.2021.)	Household items	Safety Confirmation Safety Standard Annex 11 School things 5.8 Marking instruments - Specification for caps	5.8 : (5 ~ 25) L/min, (4 ~ 50) kPa	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MOTIE Notice No.2021-230(12.29.2021.)	Household items	Safety Confirmation Standard Annex 6 Toys Part 2. Safety aspects related to mechanical and physical properties 5.1 General 5.2 Small parts test 5.3 Test for shape and size of certain toys 5.4 Small balls and suction cups test 5.5 Test for pompoms 5.6 Test for pre-school play figures 5.7 Accessibility of a part or component 5.8 Sharp-edge test 5.9 Sharp-point test 5.10 Determination of thickness of plastic film and sheeting 5.11 Test for cords 5.12 Stability and overload tests 5.13 Test for closures and toy chest lids 5.14 Impact test for toys that cover the face 5.15 Kinetic energy of projectiles, bows and arrows 5.16 Free-wheeling facility and brake performance test 5.17 Determination of speed of electrically driven ride-on toys 5.18 Determination of temperature increases 5.19 Leakage of liquid-filled toys 5.20 Durability of mouth-actuated toys 5.21 Expanding materials 5.22 Folding or sliding mechanisms 5.23 Washable toys 5.24 Reasonably foreseeable abuse tests 5.25 Borosilicate glass 5.26 Bite test 5.27 Determination of sound pressure levels 5.28 Static strength for toy scooters 5.29 Dynamic strength for toy scooters 5.30 Brake performance	5.2 : Visual assessment 5.3 : Visual assessment 5.4 : Visual assessment 5.5 : Visual assessment 5.6 : Visual assessment 5.7 : Visual assessment 5.8 : 1 mm or more 5.9 : Visual assessment 5.10 : 0.001 mm or more 5.11 : 1 mm, 1 MΩ/cm or more 5.12 : Visual assessment 5.13 : 0.1 mm or more 5.14 : Visual assessment 5.15 : 0.005 J or more 5.16 : 1 mm, 0.1 N or more 5.17 : 0.1 km/h or more 5.18 : 0.01 K or more 5.19 : (0.1 ~ 200) N 5.20 : Visual assessment 5.21 : (10 ~ 100) % 5.22 : Visual assessment 5.23 : Visual assessment 5.24 : Visual assessment 5.25 : specific gravity (0.05 ~ 3.0) 5.26 : Visual assessment 5.27 : (25 ~ 138) dB 5.28 : Visual assessment 5.29 : Visual assessment 5.30 : 1 mm, 0.1 N or more 5.31 : Visual assessment 5.32 : Visual assessment 5.33 : Visual assessment 5.34 : 0.01 kG/㎟ or more 5.35 : Visual assessment 5.36 : Visual assessment 5.37 : 1 mm or more 5.38 : Visual assessment	BS	N

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
		for toy scooters 5.31 Strength of toy scooter steering tubes 5.32 Resistance to separation of handlebar 5.33 Tension test for magnets 5.34 Determination of magnetic flux indexes 5.35 Impact test for magnets 5.36 Soaking test for magnets 5.37 Determination of projectile range 5.38 Tip assessment of rigid projectiles 5.39 Length of suction cup projectiles Annex A Battery-Operated Toys) Part 3. Flammability 5.2 Test relating to beards, moustaches, wigs, etc., made from hair, pile or material with similar features (e.g. free-hanging ribbons, paper or cloth strands), which protrude more than or equal to 50 mm from the surface of the toy 5.3 Test relating to beards, moustaches, wigs, etc., made from hair, pile or material with similar features (e.g. free-hanging ribbons, paper or cloth strands), which protrude less than 50 mm from the surface of the toy 5.4 Test relating to flowing elements of toys to be worn on the head (except those covered by 4.2.2 and 4.2.3), hoods, head-dresses, etc., fabric masks which partially or fully cover the head, toy disguise costumes, toys intended to be worn by a child in a play and toys intended to be entered by a child 5.5 Test for soft-filled toys Part 5. Activity toys for domestic use	5.39 : 1 mm or more Annex A : Visual assessment 5.2 : 0.1 mm/s or more 5.3 : 0.1 mm/s or more 5.4 : 0.1 mm/s or more 5.5 : 0.1 mm/s or more 6.1 : (0.1 ~ 90.0)° 6.2 : Visual assessment 6.3 : Visual assessment 6.4 : 0.1 ㎧ or more, 0.1 N/㎠ or more 6.5 : Visual assessment 6.6 : Visual assessment 6.7 : Visual assessment 6.8 : Visual assessment 5.2.6 : specific gravity (0.05 ~ 3.0) Annex A : 0.1 N or more		

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
		6.1 Stability 6.2 Static strength 6.3 Dynamic strength of barrier and handrails 6.4 Determination of impact from swing elements 6.5 Test for head and neck entrapment 6.6 Toggle test 6.7 Test for protruding parts 6.8 Durability test for suspension connectors and suspension couplings Part 6. Experimental sets for chemistry and related activities 5.2.6 Test method for borosilicate glass Annex A Test methods for closures of reagent containers			
MOTIE Notice No.2022-220(12.14.2022.)	Household items	Common safety standard for Children's Products 4.2 Test Method of Physical Safety Requirements 4.2.1 Small parts test 4.2.2 Sharp-edge test 4.2.3 Sharp-point test 4.2.4 Magnetic flux index 4.2.5 Dipping test for magnets 4.2.6 Tension test for magnets 4.2.7 Drop Test 4.2.8 Tipover testing of a large children's products 4.2.9 Torque Test 4.2.10 Tensile Test 4.2.11 Magnetic Impact Test 4.2.12 Compression test	4.2.1 : Visual assessment 4.2.2 : 1 mm or more 4.2.3 : Visual assessment 4.2.4 : 0.01 kG㎟ or more 4.2.5 : Visual assessment 4.2.6 : Visual assessment 4.2.7 : Visual assessment 4.2.8 : Visual assessment 4.2.9 : Visual assessment 4.2.10 : Visual assessment 4.2.11 : Visual assessment 4.2.12 : Visual assessment	BS	N
MOTIE Notice No.2022-221(12.14.2022.)	Household items	Safety Confirmation Safety Standard Annex 11 School things 5.8 Marking instruments - Specification for caps	5.8 : (5 ~ 25) L/min, (4 ~ 50) kPa	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MOTIE Notice No.2022-221(12.14.2022.)	Household items	Safety Confirmation Standard Annex 6 Toys Part 2. Safety aspects related to mechanical and physical properties 5.1 General 5.2 Small parts test 5.3 Test for shape and size of certain toys 5.4 Small balls and suction cups test 5.5 Test for pompoms 5.6 Test for pre-school play figures 5.7 Accessibility of a part or component 5.8 Sharp-edge test 5.9 Sharp-point test 5.10 Determination of thickness of plastic film and sheeting 5.11 Test for cords 5.12 Stability and overload tests 5.13 Test for closures and toy chest lids 5.14 Impact test for toys that cover the face 5.15 Kinetic energy of projectiles, bows and arrows 5.16 Free-wheeling facility and brake performance test 5.17 Determination of speed of electrically driven ride-on toys 5.18 Determination of temperature increases 5.19 Leakage of liquid-filled toys 5.20 Durability of mouth-actuated toys 5.21 Expanding materials 5.22 Folding or sliding mechanisms 5.23 Washable toys 5.24 Reasonably foreseeable abuse tests 5.25 Borosilicate glass 5.26 Bite test 5.27 Determination of sound pressure levels 5.28 Static strength for toy scooters 5.29 Dynamic strength for toy scooters 5.30 Brake performance	5.2 : Visual assessment 5.3 : Visual assessment 5.4 : Visual assessment 5.5 : Visual assessment 5.6 : Visual assessment 5.7 : Visual assessment 5.8 : 1 mm or more 5.9 : Visual assessment 5.10 : 0.001 mm or more 5.11 : 1 mm, 1 MΩ/cm or more 5.12 : Visual assessment 5.13 : 0.1 mm or more 5.14 : Visual assessment 5.15 : 0.005 J or more 5.16 : 1 mm, 0.1 N or more 5.17 : 0.1 km/h or more 5.18 : 0.01 K or more 5.19 : (0.1 ~ 200) N 5.20 : Visual assessment 5.21 : (10 ~ 100) % 5.22 : Visual assessment 5.23 : Visual assessment 5.24 : Visual assessment 5.25 : specific gravity (0.05 ~ 3.0) 5.26 : Visual assessment 5.27 : (25 ~ 138) dB 5.28 : Visual assessment 5.29 : Visual assessment 5.30 : 1 mm, 0.1 N or more 5.31 : Visual assessment 5.32 : Visual assessment 5.33 : Visual assessment 5.34 : 0.01 kG/㎟ or more 5.35 : Visual assessment 5.36 : Visual assessment 5.37 : 1 mm or more 5.38 : Visual assessment	BS	N

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
		for toy scooters 5.31 Strength of toy scooter steering tubes 5.32 Resistance to separation of handlebar 5.33 Tension test for magnets 5.34 Determination of magnetic flux indexes 5.35 Impact test for magnets 5.36 Soaking test for magnets 5.37 Determination of projectile range 5.38 Tip assessment of rigid projectiles 5.39 Length of suction cup projectiles Annex A Battery-Operated Toys) Part 3. Flammability 5.2 Test relating to beards, moustaches, wigs, etc., made from hair, pile or material with similar features (e.g. free-hanging ribbons, paper or cloth strands), which protrude more than or equal to 50 mm from the surface of the toy 5.3 Test relating to beards, moustaches, wigs, etc., made from hair, pile or material with similar features (e.g. free-hanging ribbons, paper or cloth strands), which protrude less than 50 mm from the surface of the toy 5.4 Test relating to flowing elements of toys to be worn on the head (except those covered by 4.2.2 and 4.2.3), hoods, head-dresses, etc., fabric masks which partially or fully cover the head, toy disguise costumes, toys intended to be worn by a child in a play and toys intended to be entered by a child 5.5 Test for soft-filled toys Part 5. Activity toys for domestic use	5.39 : 1 mm or more Annex A : Visual assessment 5.2 : 0.1 mm/s or more 5.3 : 0.1 mm/s or more 5.4 : 0.1 mm/s or more 5.5 : 0.1 mm/s or more 6.1 : (0.1 ~ 90.0)° 6.2 : Visual assessment 6.3 : Visual assessment 6.4 : 0.1 ㎧ or more, 0.1 N/㎠ or more 6.5 : Visual assessment 6.6 : Visual assessment 6.7 : Visual assessment 6.8 : Visual assessment 5.2.6 : specific gravity (0.05 ~ 3.0) Annex A : 0.1 N or more		

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
		6.1 Stability 6.2 Static strength 6.3 Dynamic strength of barrier and handrails 6.4 Determination of impact from swing elements 6.5 Test for head and neck entrapment 6.6 Toggle test 6.7 Test for protruding parts 6.8 Durability test for suspension connectors and suspension couplings Part 6. Experimental sets for chemistry and related activities 5.2.6 Test method for borosilicate glass Annex A Test methods for closures of reagent containers			

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02. Chemical Testing

02.007 Dosimetry, Radioactive, Neutron measurement

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
HASL-300	Dosimetry, Radioactive, Neutron measurement	Procedures Manual of the Environmental Measurements Laboratory(28th Edition) 4.5.2 Radiometrology - Gamma Radioassay (Ga-01-R)	Cs-137 > 0.9 Bq/kg, Cd-109 > 50 Bq/kg, Co-57 > 5 Bq/kg, Ce-139 > 15 Bq/kg, Cr-51 > 0.9 Bq/kg, Sn-113 > 35 Bq/kg, Co-60 > 2 Bq/kg	BS	N
IEC 61452:2021	Dosimetry, Radioactive, Neutron measurement	Nuclear instrumentation-Measurement of gamma-ray emission rates of radionuclides-Calibration and use of germanium spectrometers	Cs-137 > 0.9 Bq/kg	BS	N
ISO 18589-3:2015	Dosimetry, Radioactive, Neutron measurement	Measurement of radioactivity in the environment-Soil-Part 3: Measurement of gamma-emitting radionuclides	Cs-137 > 0.9 Bq/kg	BS	N
MFDS Notice No.2022-048 (06.30.2022.)	Dosimetry, Radioactive, Neutron measurement	Standards and Specifications of Foods 8. Ganeral Test 9.9 Radioactivity 9.9.1 Sample 9.9.2 Test by High Purity Germanium Detector	Cs-137 > 0.9 Bq/kg	BS	N

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02. Chemical Testing

02.025 Indoor and other environments

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
AOAC Official Method 974.02:1976	Indoor and other environments	Lead in Paint, Atomic Absorption Spectrophotometric Method.	AAS : Pb mg/kg 10 or more	BS	N
ASTM D7359-18	Indoor and other environments	Standard Test Method for Total Fluorine, Chlorine and Sulfur in Aromatic Hydrocarbons and Their Mixtures by Oxidative Pyrohydrolytic Combustion followed by Ion Chromatography Detection (Combustion Ion Chromatography-CIC)	F, Cl, S : each 1.0 mg/kg or more	BS	N
ASTM E1613-12	Indoor and other environments	Standard Test Method for Determination of Lead by Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES), Flame Atomic Absorption Spectrometry (FAAS), or Graphite Furnace Atomic Absorption Spectrometry (GFAAS)	ICP-OES : Pb 10 mg/kg or more AAS : Pb mg/kg 10 or more	BS	N
ASTM E1645-21	Indoor and other environments	Standard Practice for Preparation of Dried Paint Samples by Hotplate or Microwave Digestion for Subsequent Lead Analysis	Pb 10 mg/kg or more	BS	N
AfPS GS 2019:01 PAK	Indoor and other environments	Testing and assessment of Polycyclic Aromatic Hydrocarbons (PAHs) in the awarding of GS Marks	PAH: 0.2 mg/kg or more	BS	N
BS EN 14582:2016	Indoor and other environments	Characterization of waste Halogen and sulfur content Oxygen combustion in closed systems and determination methods	Br, Cl, F, S : each 25 mg/kg or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
IEC 62321-3-1:2013	Indoor and other environments	Determination of certain substances in electrotechnical products - Part 3-1: Screening - Lead, mercury, cadmium, total chromium and total bromine by X-ray fluorescence spectrometry	Pb : 150 mg/kg or more Cd : 150 mg/kg or more Hg : 150 mg/kg or more Cr : 150 mg/kg or more Br : 150 mg/kg or more	BS	N
IEC 62321-3-2:2020	Indoor and other environments	Determination of certain substances in electrotechnical products - Part 3-2: Screening - Fluorine, chlorine and bromine in polymer and electronics by combustion-ion chromatography (C-IC)	Br, F, Cl : each 1.0 mg/kg more	BS	N
IEC 62321-4:2013+AMD1:2017 CSV	Indoor and other environments	Determination of certain substances in electrotechnical products - Part 4 : Mercury in polymers, metals and electronics by CV-AAS, CV-AFS, ICP-OES and ICP-MS (CV-AFS except)	Hg: 1.0 mg/kg or more	BS	N
IEC 62321-5:2013	Indoor and other environments	Determination of certain substances in electrotechnical products - Part 5 : Cadmium, lead and chromium in polymers and electronics and cadmium and lead in metals by AAS, AFS, ICP-OES and ICP-MS (AFS except)	Cd: 2.0 mg/kg or more Cr: 1.0 mg/kg, or more Pb: 5.0 mg/kg or more	BS	N
IEC 62321-6:2015	Indoor and other environments	Determination of certain substances in electrotechnical products- Part 6: Polybrominated biphenyls and polybrominated diphenyl ethers in polymers by gas chromatography-mass spectometry (GC-MS)	PBBs, PBDEs: each 5 mg/kg or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
IEC 62321-7-1:2015	Indoor and other environments	Determination of certain substances in electrotechnical products - Part 7-1: Hexavalent chromium - Presence of hexavalent chromium (Cr(VI)) in colourless and coloured corrosion-protected coatings on metals by the colorimetric method	Cr(VI): 0.10 μg/cm² or more	BS	N
IEC 62321-7-2:2017	Indoor and other environments	Determination of certain substances in electrotechnical products - Part 7-2: Hexavalent chromium - Determination of hexavalent chromium (Cr(VI)) in polymers and electronics by the colorimetric method	Cr(VI): 8.0 mg/kg or more	BS	N
IEC 62321-8:2017	Indoor and other environments	Determination of certain substances in electrotechnical products - Part 8: Phthalates in polymers by gas chromatography-mass spectrometry (GC-MS), gas chromatography-mass spectrometry using a pyrolyzer/thermal desorption accessory (Py/TD-GC-MS) (Py/TD-GC-MS except)	DIBP : 50 mg/kg or more DBP : 50 mg/kg or more BBP : 50 mg/kg or more DEHP : 50 mg/kg or more	BS	N
KS C IEC 62321-3-1:2013	Indoor and other environments	Determination of certain substances in electrotechnical products - Part 3-1: Screening - Lead, mercury, cadmium, total chromium and total bromine by X-ray fluorescence spectrometry	Pb : 150 mg/kg or more Cd : 150 mg/kg or more Hg : 150 mg/kg or more Cr : 150 mg/kg or more Br : 150 mg/kg or more	BS	N
KS C IEC 62321-4:2013	Indoor and other environments	Determination of certain substances in electrotechnical products - Part 4 : Mercury in polymers, metals and electronics by CV-AAS, CV-AFS, ICP-OES and ICP-MS	Hg: 1.0 mg/kg or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
KS C IEC 62321-5 Ed. 1.0:2013	Indoor and other environments	Determination of certain substances in electrotechnical products - Part 5 : Cadmium, lead and chromium in polymers and electronics and cadmium and lead in metals by AAS, AFS, ICP-OES and ICP-MS	Pb: 5.0 mg/kg or more Cd: 2.0 mg/kg or more Cr: 1.0 mg/kg or more	BS	N
KS I ISO 12219-3:2012	Indoor and other environments	Interior air of road vehicles-Part 3: Screening method for the determination of the emissions of volatile organic compounds from vehicle interior parts and materials -Micro-scale chamber method	Toluene, Formamide, N,N-Dimethylformamide, 2-Ethylhexoic acid, Butylhydroxytoluene, 2-Methoxyethanol : each 0.15 $mg/m^2 \cdot h$ or more Formaldehyde : 0.01 $mg/m^2 \cdot h$ or more	BS	N
KS I ISO 16000-11:2004	Indoor and other environments	Indoor air — Part 11: Determination of the emission of volatile organic compounds — Sampling, storage of samples and preparation of test specimens	-	BS	N
KS I ISO 16000-1:2014	Indoor and other environments	Indoor air — Part 1: General aspects of sampling strategy	-	BS	N
KS I ISO 16000-3:2014	Indoor and other environments	Indoor Air — Part 3: Determination of formaldehyde and other carbonyl compounds in indoor air and test chamber air — Active sampling method	Formaldehyde, Acetaldehyde : each 0.002 $mg/m^2 \cdot h$ or more	BS	N
KS I ISO 16000-6:2014	Indoor and other environments	Indoor air — Part 6: Determination of volatile organic compounds in indoor and test chamber air by active sampling on Tenax TA sorbent, thermal desorption and gas chromatography using MS or MS-FID	Total volatile organic compounds, Toluene, Benzene, Xylene, Ethylbenzene, Styrene : each 0.002 $mg/m^2 \cdot h$ or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
KS I ISO 16000-9:2014	Indoor and other environments	Indoor air — Part 9: Determination of the emission of volatile organic compounds from building products and furnishing — Emission test chamber method	Total volatile organic compounds, Toluene, Formaldehyde : each 0.002 mg/m²·h or more	BS	N
KS M 0180:2009	Indoor and other environments	Standard test method for halogen (F, Cl, Br) and sulfur content by oxidative pyrohydrolytic combustion followed by ion chromatography detection (Combustion ion chromatography, CIC)	F, Cl, Br, S: each 1.0 mg/kg or more	BS	N
KS M 1991:2021	Indoor and other environments	Determination of phthalates contents in polymer materials	DBP : 50 mg/kg or more BBP : 50 mg/kg or more DEHP : 50 mg/kg or more DNOP : 50 mg/kg or more DINP: 50 mg/kg or more DIDP : 50 mg/kg or more DIBP : 50 mg/kg or more	BS	N
KS M 1998:2017	Indoor and other environments	Determination of the emission rate of formaldehyde and volatile organic compounds in building interior products 7. Test method-Small chamber method 8. Test method-Small chamber method (furniture component)	Total volatile organic compounds, Toluene, Benzene, Xylene, Ethylbenzene, Styrene, Formaldehyde, Acetaldehyde : each 0.002 mg/m²·h or more	BS	N
KS M 6956:2022	Indoor and other environments	Test method for estimating the toxicity of recycled rubber powder	Benzene, Toluene, Xylene, Ethyl benzene : each 1.0 mg/kg or more PAHs : 0.2 mg/kg or more Pb : 5.0 mg/kg or more Cd : 2.0 mg/kg or more Hg, Cr(VI) : each 1.0 mg/kg or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
KS M 9722:2017	Indoor and other environments	Determination of PFOS/PFOA in chemical products	PFOS : 0.05 mg/kg or more 0.5 ㎍/㎡ or more, PFOA : 0.05 mg/kg or more 0.5 ㎍/㎡ or more	BS	N
KATS Notice No.2018-195(06.29.2018.)	Indoor and other environments	Compliance with Safety Standard Annex 5 Furniture(Except height over 762 mm for family use drawers and stationery cabinet) 5. Test method	Total volatile organic compounds, Toluene, Formaldehyde : each 0.002 mg/㎡·h or more	BS	N
KATS Notice No.2020-037(03.01.2020.)	Indoor and other environments	Supplier's conformity Safety Standard Annex 3 Furniture(height over 762 mm for family use drawers and stationery cabinet) 5. Test method	Total volatile organic compounds, Toluene, Formaldehyde : each 0.002 mg/㎡·h or more	BS	N
NIER Notice No.2021-094(12.17.2021.)	Indoor and other environments	Official test method on indoor air quality ES 02131.1e Determination of emission of volatile organic compounds and formaldehyde from building materials by small-scale emission test chamber method ES 02601.1c Determination of formaldehyde in indoor and emitted from building materials by 2,4-DNPH cartridge and high performance liquid chromatograph ES 02602.1d Determination of volatile organic compounds in indoor and emitted from building materials by sorbent tube and gas chromatograph using MS/FID	ES 02131.1e Total volatile organic compounds, Toluene, Formaldehyde : each 0.002 mg/㎡·h or more ES 02601.1c Formaldehyde : 0.002 mg/㎡·h or more ES 02602.1d Total volatile organic compounds, Toluene : each 0.002 mg/㎡·h more	BS	N

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02. Chemical Testing

02.026 Textile

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
AATCC TM106-2009	Textile	Test Method for Colorfastness to Water: Sea	(1 ~ 5) grade	BS	N
AATCC TM107-2013	Textile	Test Method for Colorfastness to Water	(1 ~ 5) grade	BS	N
AATCC TM112-2020	Textile	Test Method for Formaldehyde Release from Fabric: Sealed Jar	16 mg/kg 이상	BS	N
AATCC TM116-2018	Textile	Test Method for Colorfastness to Crocking : Rotary Vertical Crockmeter	(1 ~ 5) grade	BS	N
AATCC TM132-2004	Textile	Test Method for Colorfastness to Drycleaning	(1 ~ 5) grade	BS	N
AATCC TM133-2020	Textile	Test Method for Colorfastness to Heat : Hot Pressing	(1 ~ 5) grade	BS	N
AATCC TM15-2021	Textile	Test Method for Colorfastness to Perspiration	(1 ~ 5) grade	BS	N
AATCC TM16.1-2014	Textile	Test Method for Colorfastness to Light : Outdoor	(1 ~ 5) grade	BS	N
AATCC TM16.2-2014	Textile	Test Method for Colorfastness to Light : Carbon-Arc	(1 ~ 5) grade	BS	N
AATCC TM162-2011	Textile	Test Method for Colorfastness to Water : Chlorinated Pool	(1 ~ 5) grade	BS	N
AATCC TM20-2021	Textile	Test Method for Fiber Analysis : Qualitative	qualitative test	BS	N
AATCC TM20A-2021	Textile	Test Method for Fiber Analysis : Quantitative	(0.1 ~ 100) %	BS	N
AATCC TM61-2013	Textile	Test Method for Colorfastness to Laundering : Accelerated	(1 ~ 5) grade	BS	N
AATCC TM8-2016	Textile	Test Method for Colorfastness to Crocking : Crockmeter	(1 ~ 5) grade	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
AATCC TM81-2016	Textile	Test Method for pH of the Water-Extract from Wet Processed Textiles	2 ~ 13	BS	N
AATCC TM89-2019	Textile	Test Method for Mercerization in Cotton	100 or more	BS	N
AS 2001.4.15-2006	Textile	Methods of test for textiles - Colourfastness tests - Determination of colourfastness to washing	(1 ~ 5) grade	BS	N
AS 2001.4.16-1981	Textile	Methods of test for textiles - Colourfastness tests - Determination of colourfastness to dry cleaning solvents	(1 ~ 5) grade	BS	N
AS 2001.4.3-1995	Textile	Methods of test for textiles - Colourfastness tests - Determination of colourfastness to rubbing	(1 ~ 5) grade	BS	N
AS 2001.4.E01-2001	Textile	Methods of test for textiles - Colourfastness tests - Colourfastness to water	(1 ~ 5) grade	BS	N
AS 2001.4.E02-2001	Textile	Methods of test for textiles - Colourfastness tests - Colourfastness to sea water	(1 ~ 5) grade	BS	N
AS 2001.4.E04-2005	Textile	Methods of test for textiles - Colourfastness tests - Determination of colourfastness to perspiration	(1 ~ 5) grade	BS	N
AS 2001.7-2005	Textile	Methods of test for textiles Quantitative analysis of fibre mixtures (BS4407:1988, MOD)	(0.1 ~ 100) %	BS	N
AS/NZS 2001.4.5-1998	Textile	Methods of test for textiles - Colourfastness tests - Determination of colourfastness to chlorinated swimming pool water	(1 ~ 5) grade	BS	N
ASTM D2165-94(2012)e1	Textile	Standard Test Method for pH of Aqueous Extracts of Wool and Similar Animal Fibers	2 ~ 13	BS	N
BS 4407:1988	Textile	Method for quantitative analysis of fibre mixtures	(0.1 ~ 100) %	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
BS 6806:2002	Textile	Textiles. Determination of formaldehyde. Method for the determination of total and free (water extraction method) formaldehyde using chromotropic acid	5 mg/kg or mores	BS	N
BS EN ISO 105-B02:2014	Textile	Textiles. Tests for colour fastness. Colour fastness to artificial light : Xenon arc fading lamp test	(1 ~ 8) grade	BS	N
BS EN ISO 14362-1:2017	Textile	Textiles. Methods for determination of certain aromatic amines derived from azo colorants. Part1:Detection of the use of certain azo colorants accessible with and without extracting the fibres	5 mg/kg or more	BS	N
BS EN ISO 14362-3:2017	Textile	Textiles-Methods for determination of certain aromatic amines derived from azo colorants. Part 3: Detection of the use of certain azo colorants, which may release 4-aminoazobenzene	5 mg/kg or more	BS	N
DIN 53160-1:2010	Textile	Determination of the colourfastness of articles for common use - Part 1 : Resistance to artificial saliva	(1 ~ 5) grade	BS	N
DIN 53160-2:2010	Textile	Determination of the colourfastness of articles in common use - Part 2 : Resistance to artificial sweat	(1 ~ 5) grade	BS	N
DIN EN ISO 105-B02:2014	Textile	Textiles - Tests for colour fastness - Part B02: Colour fastness to artificial light: Xenon arc fading lamp test (ISO 105-B02:2014)	(1 ~ 8) grade	BS	N
DIN EN ISO 105-C06:2010	Textile	Textiles -Tests for colour fastness-Part C06 :Colorfastness to domestic and commercial laundering(ISO 105-C06 :2010)	(1 ~ 5) grade	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
DIN EN ISO 105-C10:2007	Textile	Textiles - Tests for colour fastness - Part C10: Colour fastness to washing with soap or soap and soda (ISO 105-C10:2006)	(1 ~ 5) grade	BS	N
DIN EN ISO 105-D01:2010	Textile	Textiles - Tests for colour fastness - Part D01: Colour fastness to dry cleaning using perchloroethylene solvent (ISO 105-D01:2010)	(1 ~ 5) grade	BS	N
DIN EN ISO 105-E01:2013	Textile	Textiles - Tests for colour fastness - Part E01: Colour fastness to water (ISO 105-E01:2013)	(1 ~ 5) grade	BS	N
DIN EN ISO 105-E02:2013	Textile	Textiles - Tests for colour fastness - Part E02: Colour fastness to sea water (ISO 105-E02:2013)	(1 ~ 5) grade	BS	N
DIN EN ISO 105-E04:2013	Textile	Textiles - Tests for colour fastness - Part E04: Colour fastness to perspiration (ISO 105-E04:2013)	(1 ~ 5) grade	BS	N
DIN EN ISO 105-X11:1996	Textile	Textiles - Tests for colour fastness - Part X11 : Colour fastness to hot pressing (ISO 105-X11:1994)	(1 ~ 5) grade	BS	N
DIN EN ISO 105-X12:2016	Textile	Textiles - Tests for colour fastness - Part X12 : Colour fastness to rubbing (ISO 105-X12:2016)	(1 ~ 5) grade	BS	N
DIN EN ISO 1833-1:2020-09	Textile	Textiles - Quantitative chemical analysis - Part 1: General principles of testing (ISO 1833-1:2020)	(0.1 ~ 100) %	BS	N
FZ/T 01026-2017	Textile	Textiles-Quantitative chemical analysis-Multinary fibre mixtures	(0.1 ~ 100) %	BS	N
FZ/T 01057.1-2007	Textile	Test method for identification of textile fibers - Part 1 : General introduction	qualitative test	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
FZ/T 01057.2-2007	Textile	Test method for identification of textile fibers - Part 2 : Burning behavior	qualitative test	BS	N
FZ/T 01057.3-2007	Textile	Test method for identification of textile fibers - Part 3 : Microscopy	qualitative test	BS	N
FZ/T 01057.4-2007	Textile	Test method for identification of textile fibers - Part 4 : Solubility	qualitative test	BS	N
FZ/T 01095-2002	Textile	Textiles - Test method of elastane fibre content	(0.1 ~ 100) %	BS	N
FZ/T 30003-2009	Textile	Method for quantitative analysis of ramie(flax hemp)cotton blended textile - Micro projection	(0.01 ~ 100) %	BS	N
FZ/T 80007.3-2006	Textile	Dry wash resistance test method for garments used adhesive interlining	(-100 ~ 100) %	BS	N
GB 18401-2010	Textile	National general safety technical code for textile products 6.1 Formaldehyde 6.2 pH 6.3 Color fastness to Water 6.4 Colour fastness to perspiration 6.5 Color fastness to rubbing 6.6 Colour fastness to saliva 6.7 Odour 6.8 arylamine	6.1 16 mg/kg or more 6.2 2 ~ 13 6.3 (1 ~ 5) grade 6.4 (1 ~ 5) grade 6.5 (1 ~ 5) grade 6.6 (1 ~ 5) grade 6.7 Odour or No Odour 6.8 each 5 mg/kg or more	BS	N
GB/T 12490-2014	Textile	Textiles - Tests for colour fastness - Colour fastness to domestic and commercial laundering	(1 ~ 5) grade	BS	N
GB/T 14576-2009	Textile	Textiles - Tests for colour fastness - Colour fastness to light of textiles wetted with artificial perspiration	(1 ~ 5) grade	BS	N
GB/T 16988-2013	Textile	Quantitative determination for mixtures of special animal fibre and wool	(0.1 ~ 100) %	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
GB/T 17592-2011	Textile	Textiles - Determination of the banned azo colourants	5 mg/kg or more	BS	N
GB/T 17593.1-2006	Textile	Textiles - Determination of heavy metals - Part 1 : Atomic absorption spectrophotometry	10 mg/kg or more	BS	N
GB/T 17593.4-2006	Textile	Textiles - Determination of heavy metals - Part 4 : Arsenic and mercury - Atomic fluorescence spectrophotometry	10 mg/kg or more	BS	N
GB/T 18886-2019	Textile	Textiles - Tests for colour fastness - Colour fastness to saliva	(1 ~ 5) grade	BS	N
GB/T 23344-2009	Textile	Textile - Determination of 4-aminoazobenzene	5 mg/kg or more	BS	N
GB/T 2910.1-2009	Textile	Textiles - Quantitative chemical analysis - Part 1:General principles of testing	(0.1 ~ 100) %	BS	N
GB/T 2910.10-2009	Textile	Textiles - Quantitative chemical analysis - Part 10:Mixtures of triacetate or polylactide and certain other fibres (method using dichloromethane)	(0.1 ~ 100) %	BS	N
GB/T 2910.13-2009	Textile	Textiles - Quantitative chemical analysis - Part 13:Mixtures of certain chlorofibers and certain other fibers(method using carbon disulfide/acetone)	(0.1 ~ 100) %	BS	N
GB/T 2910.14-2009	Textile	Textiles - Quantitative chemical analysis - Part 14:Mixtures of acetate and certain chlorofibres(method using acetic acid)	(0.1 ~ 100) %	BS	N
GB/T 2910.16-2009	Textile	Textiles - Quantitative chemical analysis - Part 16:Mixtures of polypropylene and certain other fibres(method using xylene)	(0.1 ~ 100) %	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
GB/T 2910.17-2009	Textile	Textiles - Quantitative chemical analysis - Part 17:Mixtures of chlorofibers(homopolymers of vinyl chloride)and certain other fibers(method using sulfuric acid)	(0.1 ~ 100) %	BS	N
GB/T 2910.18-2009	Textile	Textiles - Quantitative chemical analysis - Part 18:Mixtures of silk and wool or hair(method using sulfuric acid)	(0.1 ~ 100) %	BS	N
GB/T 2910.19-2009	Textile	Textiles - Quantitative chemical analysis - Part 19:Mixtures of cellulose fibres and asbestos(method by heating)	(0.1 ~ 100) %	BS	N
GB/T 2910.2-2009	Textile	Textiles - Quantitative chemical analysis - Part 2:Ternary fibre mixture	(0.1 ~ 100) %	BS	N
GB/T 2910.20-2009	Textile	Textiles - Quantitative chemical analysis - Part 20:Mixtures of elastane and some other fibers(method of using dimethylacetamide)	(0.1 ~ 100) %	BS	N
GB/T 2910.21-2009	Textile	Textiles - Quantitative chemical analysis - Part 21:Mixtures of chlorofibers, certain modacrylics, certain elastanes, acetates, triacetates and certain other fibers (method using cyclohexanone)	(0.1 ~ 100) %	BS	N
GB/T 2910.22-2009	Textile	Textiles - Quantitative chemical analysis - Part 22:Mixtures of viscose or certain types of cupro or modal or lyocell and flax of ramie fibres(method using formic acid and zinc chloride)	(0.1 ~ 100) %	BS	N
GB/T 2910.23-2009	Textile	Textiles-Quantitative chemical analysis-Part 23:Mixtures of polyethylene and polypropylene (method using cyclohexanone)	(0.1 ~ 100) %	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
GB/T 2910.24-2009	Textile	Textiles - Quantitative chemical analysis - Part 24:Mixtures of polyester and some other fibers(method using phenol and tetrachloroethane)	(0.1 ~ 100) %	BS	N
GB/T 2910.3-2009	Textile	Textiles - Quantitative chemical analysis - Part 3:Mixtures of acetate and certain other fibres(method using acetone)	(0.1 ~ 100) %	BS	N
GB/T 2910.4-2009	Textile	Textiles - Quantitative chemical analysis - Part 4:Mixtures of certain protein and certain other fibers(method using hypochlorite)	(0.1 ~ 100) %	BS	N
GB/T 2910.5-2009	Textile	Textiles - Quantitative chemical analysis - Part 5:Mixtures of viscose,cupro or modal and cotton fibres(method using sodium zincate)	(0.1 ~ 100) %	BS	N
GB/T 2910.6-2009	Textile	Textiles - Quantitative chemical analysis - Part 6:Mixtures of viscose or certain types of cupro or modal or lyocell and cotton fibres(method using formic acid and zinc chloride)	(0.1 ~ 100) %	BS	N
GB/T 2910.7-2009	Textile	Textiles - Quantitative chemical analysis - Part 7:Mixtures of polyamide and certain other fibres(method using formic acid)	(0.1 ~ 100) %	BS	N
GB/T 2910.8-2009	Textile	Textiles - Quantitative chemical analysis - Part 8:Mixtures of acetate and triacetate fibres (method using acetone)	(0.1 ~ 100) %	BS	N
GB/T 2910.9-2009	Textile	Textiles - Quantitative chemical analysis - Part 9:Mixtures of acetate and triacetate fibres(method using benzyl alcohol)	(0.1 ~ 100) %	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
GB/T 2912.1-2009	Textile	Textiles - Determination of formaldehyde - Part 1 : Free and hydrolized formaldehyde (Water extraction method)	5 mg/kg or more	BS	N
GB/T 3920-2008	Textile	Textiles - Tests for colour fastness - Colour fastness to rubbing	(1 ~ 5) grade	BS	N
GB/T 3921-2008	Textile	Textiles - Tests for colour fastness - Colour fastness to washing with soap or soap and soda	(1 ~ 5) grade	BS	N
GB/T 3922-2013	Textile	Textiles - Testing method for colour fastness to perspiration	(1 ~ 5) grade	BS	N
GB/T 5711-2015	Textile	Textiles - Tests for colour fastness - Colour fastness to dry cleaning	(1 ~ 5) grade	BS	N
GB/T 5713-2013	Textile	Textiles - Tests for colour fastness - Colour fastness to water	(1 ~ 5) grade	BS	N
GB/T 5714-2019	Textile	Textiles - Tests for colour fastness - Colour fastness to sea water	(1 ~ 5) grade	BS	N
GB/T 6152-1997	Textile	Textiles - Tests for colour fastness - Colour fastness to hot pressing	(1 ~ 5) grade	BS	N
GB/T 7573-2009	Textile	Textiles - Determination of pH of the aqueous extract	0 ~ 14	BS	N
GB/T 8427-2019	Textile	Textiles - Tests for colour fastness - Colour fastness to artificial light : Xenon arc	(1 ~ 8) grade	BS	N
GB/T 8433-2013	Textile	Textiles - Tests for colour fastness - Colour fastness to chlorinated water(swimming-pool water)	(1 ~ 5) grade	BS	N
GB/T 8629-2017	Textile	Textiles - Domestic washing and drying procedures for textile testing	(1 ~ 5) grade	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
GB/T 2910.11-2009	Textile	Textiles - Quantitative chemical analysis - Part 11:Mixtures of cellulose and polyester fibres(method using sulfuric acid)	(0.1 ~ 100) %	BS	N
GB/T 2910.12-2009	Textile	Textiles - Quantitative chemical analysis - Part 12:Mixtures of acrylic, certain modacrylic, certain chlorofibres, certain elastanes and certain other fibres (method using dimethylformamide)	(0.1 ~ 100) %	BS	N
IDFB Testing Regulations 2020	Textile	Testing methods for feather and down Part 4 : Fat and Oil Content Part 6 : Acidity(pH factor)	Part 4 : 0.1 % or more Part 6 : 2 ~ 13	BS	N
ISO 105-B02:2014	Textile	Textiles - Tests for colour fastness - Part B02 : Colour fastness to artificial light : Xenon arc fading lamp test	(1 ~ 8) grade	BS	N
ISO 105-C06:2010	Textile	Textiles - Tests for colour fastness - Part C06 : Colour fastness to domestic and commercial laundering	(1 ~ 5) grade	BS	N
ISO 105-C10:2006	Textile	Textiles - Tests for colour fastness - Part C10 : Colour fastness to washing with soap or soap and soda	(1 ~ 5) grade	BS	N
ISO 105-D01:2010	Textile	Textiles - Tests for colour fastness - Part D01: Colour fastness to drycleaning using perchloroethylene solvent	(1 ~ 5) grade	BS	N
ISO 105-D02:2016	Textile	Textiles - Tests for colour fastness - Part D02: Colour fastness to rubbing: Organic solvents	(1 ~ 5) grade	BS	N
ISO 105-E01:2013	Textile	Textiles - Tests for colour fastness - Part E01: Colour fastness to water	(1 ~ 5) grade	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
ISO 105-E02:2013	Textile	Textiles - Tests for colour fastness - Part E02: Colour fastness to sea water	(1 ~ 5) grade	BS	N
ISO 105-E03:2010	Textile	Textiles - Tests for colour fastness - Part E03 : Colour fastness to chlorinated water (swimming-pool water)	(1 ~ 5) grade	BS	N
ISO 105-E04:2013	Textile	Textiles - Tests for colour fastness - Part E04: Colour fastness to perspiration	(1 ~ 5) grade	BS	N
ISO 105-N01:1993	Textile	Textiles - Tests for colour fastness - Part N01 : Colour fastness to bleaching: Hypochlorite	(1 ~ 5) grade	BS	N
ISO 105-X11:1994	Textile	Textiles - Tests for colour fastness - Part X11: Colour fastness to hot pressing	(1 ~ 5) grade	BS	N
ISO 105-X12:2016	Textile	Textiles - Tests for colour fastness - Part X12: Colour fastness to rubbing	(1 ~ 5) grade	BS	N
ISO 14184-1:2011	Textile	Textiles - Determination of formaldehyde - Part 1 : Free and hydrolized formaldehyde (water extraction method)	5 mg/kg or more	BS	N
ISO 14184-2:2011	Textile	Textiles - Determination of formaldehyde - Part 2 : Released formaldehyde (vapour absorption method)	5 mg/kg or more	BS	N
ISO 18254-1:2016	Textile	Textiles-Method for the detection and determination of alkylphenol ethoxylates (APEO) - Part 1: Method using HPLC-MS	NPEOs : 30 mg/kg or more OPEOs : 30 mg/kg or more	BS	N
ISO 1833-10:2019	Textile	Textiles -- Quantitative chemical analysis -- Part 10: Mixtures of triacetate or polylactide with certain other fibres (method using dichloromethane)	(0.1 ~ 100) %	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
ISO 1833-11:2017	Textile	Textiles -- Quantitative chemical analysis -- Part 11: Mixtures of certain cellulose fibres with certain other fibres (method using sulfuric acid)	(0.1 ~ 100) %	BS	N
ISO 1833-12:2020	Textile	Textiles -- Quantitative chemical analysis -- Part 12: Mixtures of acrylic, certain modacrylics, certain chlorofibres, certain elastane fibres with certain other fibres (method using dimethylformamide)	(0.1 ~ 100) %	BS	N
ISO 1833-14:2019	Textile	Textiles -- Quantitative chemical analysis -- Part 14: Mixtures of acetate with certain other fibres (method using acetic acid)	(0.1 ~ 100) %	BS	N
ISO 1833-16:2019	Textile	Textiles -- Quantitative chemical analysis -- Part 16: Mixtures of polypropylene fibres with certain other fibres (method using xylene)	(0.1 ~ 100) %	BS	N
ISO 1833-17:2019	Textile	Textiles -- Quantitative chemical analysis -- Part 17: Mixtures of cellulose fibres and certain fibres with chlorofibres and certain other fibres (method using concentrated sulfuric acid)	(0.1 ~ 100) %	BS	N
ISO 1833-18:2020	Textile	Textiles -- Quantitative chemical analysis -- Part 18: Mixtures of silk with wool or other animal hair (method using sulfuric acid)	(0.1 ~ 100) %	BS	N
ISO 1833-1:2020	Textile	Textiles -- Quantitative chemical analysis -- Part 1: General principles of testing	(0.1 ~ 100) %	BS	N
ISO 1833-20:2018	Textile	Textiles -- Quantitative chemical analysis -- Part 20: Mixtures of elastane with certain other fibres (method using dimethylacetamide)	(0.1 ~ 100) %	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
ISO 1833-22:2020	Textile	Textiles -- Quantitative chemical analysis -- Part 22: Mixtures of viscose or certain types of cupro or modal or lyocell with flax fibres (method using formic acid and zinc chloride)	(0.1 ~ 100) %	BS	N
ISO 1833-2:2020	Textile	Textiles -- Quantitative chemical analysis -- Part 2: Ternary fibre mixtures	(0.1 ~ 100) %	BS	N
ISO 1833-3:2020	Textile	Textiles -- Quantitative chemical analysis -- Part 3: Mixtures of acetate with certain other fibres (method using acetone)	(0.1 ~ 100) %	BS	N
ISO 1833-4:2017	Textile	Textiles -- Quantitative chemical analysis -- Part 4: Mixtures of certain protein fibres with certain other fibres (method using hypochlorite)	(0.1 ~ 100) %	BS	N
ISO 1833-6:2018	Textile	Textiles -- Quantitative chemical analysis -- Part 6: Mixtures of viscose, certain types of cupro, modal, lyocell with certain other fibres (method using formic acid and zinc chloride)	(0.1 ~ 100) %	BS	N
ISO 1833-7:2017	Textile	Textiles -- Quantitative chemical analysis -- Part 7: Mixtures of polyamide with certain other fibres (method using formic acid)	(0.1 ~ 100) %	BS	N
ISO 1833-8:2006	Textile	Textiles -- Quantitative chemical analysis -- Part 8: Mixtures of acetate and triacetate fibres (method using acetone)	(0.1 ~ 100) %	BS	N
ISO 3071:2020	Textile	Textiles - Determination of pH of the aqueous extract	2 ~ 13	BS	N
JIS L 0842:2021	Textile	Test methods for colour fastness to enclosed carbon arc lamp light	(1 ~ 8) grade	BS	N
JIS L 0843:2006	Textile	Test methods for colour fastness to xenon arc lamp light	(1 ~ 8) grade	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
JIS L 0844:2011	Textile	Test methods for colour fastness to washing and laundering	(1 ~ 5) grade	BS	N
JIS L 0846:2004	Textile	Test method for colour fastness to water	(1 ~ 5) grade	BS	N
JIS L 0847:2004	Textile	Test method for colour fastness to sea water	(1 ~ 5) grade	BS	N
JIS L 0848:2004	Textile	Test method for colour fastness to perspiration	(1 ~ 5) grade	BS	N
JIS L 0849:2013	Textile	Test methods for colour fastness to rubbing	(1 ~ 5) grade	BS	N
JIS L 0850:2015	Textile	Testing method for colour fastness to hot pressing	(1 ~ 5) grade	BS	N
JIS L 0856:2002	Textile	Test methods for colour fastness to bleaching with hypochlorite	(1 ~ 5) grade	BS	N
JIS L 0860:2020	Textile	Test methods for colour fastness to dry cleaning	(1 ~ 5) grade	BS	N
JIS L 0884:1996	Textile	Test methods for colour fastness to chlorinated water	(1 ~ 5) grade	BS	N
JIS L 0888:2018	Textile	Test methods for colour fastness to light and perspiration	(1 ~ 5) grade	BS	N
JIS L 1030-1:2012	Textile	Testing methods for quantitative analysis of fibre mixtures -- Part 1: Testing methods for fibre identification	qualitative test	BS	N
JIS L 1030-2:2012	Textile	Testing methods for quantitative analysis of fibre mixtures of textiles -- Part 2: Testing methods for quantitative analysis of fibre mixtures	(0.1 ~ 100) %	BS	N
JIS L 1041:2011	Textile	Test methods for resin finished textiles	5 mg/kg or more	BS	N
JIS L 1095:2010	Textile	Testing methods for spun yarn 9.25 Fiber content	(0.1 ~ 100) %	BS	N
JIS L 1903:2017	Textile	Testing methods for feathers 8.4 Oil and fat content	0.1 % or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
KS K 0111:2022	Textile	Measuring method for degree of mercerization of cotton :Barium activity method	Barium activity number : Min 100 ~ above 150	BS	N
KS K 0147:2015	Textile	Test method for determination of aryl amine level on the dyestuff and dyed products	5 mg/kg or more	BS	N
KS K 0210-1:2021	Textile	Test method for quantitative analysis of fibre mixtures of textiles - Test methods for fibre identification	qualitative test	BS	N
KS K 0210:2018	Textile	Test methods for quantitative analysis of fibre mixtures of textiles - Test methods for quantitative analysis of fibre mixtures	(0.1 ~ 100) %	BS	N
KS K 0250:2019	Textile	Test method for nonfibrous materials in cotton : Enzyme method	0.1 % or more	BS	N
KS K 0251:2022	Textile	Test method for nonfibrous materials in textiles	0.1 % or more	BS	N
KS K 0700:2019	Textile	Test method for color fastness to light of dyed goods accelerated method(Fade-ometer)	(1 ~ 8) grade	BS	N
KS K 0701:2014	Textile	Testing method for color fastness to light and perspiration	(1 ~ 5) grade	BS	N
KS K 0731:2017	Textile	Test method for the determination of extractable heavy metals in textiles	Co: 0.5 mg/kg or more As: 0.1 mg/kg or more Ni: 0.5 mg/kg or more Cd: 0.1 mg/kg or more Cr: 0.5 mg/kg or more Pb: 0.1 mg/kg or more Hg: 0.01 mg/kg or more Cu: 1.0 mg/kg or more Sb: 5.0 mg/kg or more Cr(VI): 0.5 mg/kg or more	BS	N
KS K 0733:2022	Textile	Test method for determation of the pentachlorophenol content in textiles and/or leathers	0.1 mg/kg or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
KS K 0736:2019	Textile	Test method for determination of allergenic disperse dyes content in textiles	each 20 mg/kg or more	BS	N
KS K 0737:2019	Textile	Test method for the determination of selected organotin compounds in textiles	0.1 mg/kg or more	BS	N
KS K 0739:2017	Textile	Textile - Methods for determination of certain aromatic amines derived from azo colorants - Part 3: Detection of the use of certain azo colorants, which may release 4-aminoazobenzene	5 mg/kg or more	BS	N
KS K 0820:2017	Textile	Test method for feather and down 7.7 pH 7.9 Oil content	2 ~ 13 0.1 % or more	BS	N
KS K ISO 105-B02:2014	Textile	Textiles - Tests for colour fastness - Part B02 : Colour fastness to artificial light : Xenon arc fading lamp test	(1 ~ 8) grade	BS	N
KS K ISO 105-C06:2010	Textile	Textiles - Tests for colour fastness - Part C06 : Colour fastness to domestic and commercial laundering	(1 ~ 5) grade	BS	N
KS K ISO 105-C10:2006	Textile	Textiles - Tests for colour fastness - Part C10 : Colour fastness to washing with soap or soap and soda	(1 ~ 5) grade	BS	N
KS K ISO 105-D01:2010	Textile	Textiles - Tests for colour fastness - Part D01 : Colour fastness to dry cleaning	(1 ~ 5) grade	BS	N
KS K ISO 105-E01:2013	Textile	Textiles - Tests for colour fastness - Part E01 : Colour fastness to water	(1 ~ 5) grade	BS	N
KS K ISO 105-E02:2013	Textile	Textiles - Tests for colour fastness - Part E02 : Colour fastness to sea water	(1 ~ 5) grade	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
KS K ISO 105-E03:2010	Textile	Textiles - Tests for colour fastness - Part E03 : Colour fastness to chlorinated water (swimming-pool water)	(1 ~ 5) grade	BS	N
KS K ISO 105-E04:2013	Textile	Textiles - Tests for colour fastness - Part E04 : Colour fastness to perspiration	(1 ~ 5) grade	BS	N
KS K ISO 105-N01:1993	Textile	Textiles - Tests for colour fastness - Part N01 : Colour fastness to bleaching : Hypochlorite	(1 ~ 5) grade	BS	N
KS K ISO 105-X11:1994	Textile	Textiles - Tests for colour fastness - Part X11: Colour fastness to hot pressing	(1 ~ 5) grade	BS	N
KS K ISO 105-X12:2016	Textile	Textiles - Tests for colour fastness - Part X12: Colour fastness to rubbing	(1 ~ 5) grade	BS	N
KS K ISO 14184-1:1998	Textile	Textiles - Determination of formaldehyde - Part 1 : Free and hydrolized formaldehyde(water extraction method)	16 mg/kg or more	BS	N
KS K ISO 14184-2:2011	Textile	Textiles - Determination of formaldehyde - Part 2 : Released formaldehyde (vapour absorption method)	16 mg/kg or more	BS	N
KS K ISO 3071:2020	Textile	Textiles-Determination of pH of aqueous extract	2 ~ 13	BS	N
KATS Notice No.2021-489(10.27.2021.)	Textile	Compliance with Safety Standard Annex 1 Textile Products 5.1 Determination of formaldehyde 5.2 Determination of arylamine 5.3 Determination of organotin compounds 5.4 Determination of dimethylfumarate 5.5 Flame retardants 5.6 Determination of allergenous dyes 5.7 Determination of pH 5.8 Determination of nickel release	5.1 : 5 mg/kg or more 5.2 : 5 mg/kg or more 5.3 : 0.1 mg/kg or more 5.4 : 0.05 mg/kg or more 5.5 : 5 mg/kg or more 5.6 : 20 mg/kg or more 5.7 : 2 ~ 13 5.8 : 0.05 ㎍/㎠/week or more	BS	N

No. KT003

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MOTIE Notice No.2018-031(03.05.2018.)	Textile	Supplier's Conforimity Safety Standard Annex 15 Textile Products for children 5.2.1 Determination of pH 5.2.2 Determination of formaldehyde 5.2.3 Determination of arylamine 5.2.4 Determination of phthalates 5.2.5 Determination of organotin compounds 5.2.6 Flame retardants 5.2.7 Determination of lead 5.2.8 Determination of Cadmium 5.2.9 Determination of allergenous dyes 5.2.10 Determination of nickel release 5.2.11 Determination of nonylphenol 5.2.12 Determination of dimethylfumarate	5.2.1 : 2 ~ 13 5.2.2 : 5 mg/kg or more 5.2.3 : 5 mg/kg or more 5.2.4 : DBP : 0.005 % or more BBP : 0.005 % or more DEHP : 0.005 % or more DNOP : 0.005 % or more DINP: 0.005 % or more DIDP : 0.005 % or more 5.2.5 : 0.1 mg/kg or more 5.2.6 : 5 mg/kg or more 5.2.7 : 10 mg/kg 이상 5.2.8 : 10 mg/kg 이상 5.2.9 : 20 mg/kg or more 5.2.10 : 0.05 ㎍/㎠ /week or more 5.2.11 : NP : 10 mg/kg or more NPEOs : 30 mg/kg or more 5.2.12 : 0.05 mg/kg or more	BS	N

No. KT003

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MOTIE Notice No.2021-171(10.27.2021.)	Textile	Supplier's Conforimity Safety Standard Annex 15 Textile Products for children 6.2.1 Determination of pH 6.2.2 Determination of formaldehyde 6.2.3 Determination of arylamine 6.2.4 Determination of phthalates 6.2.5 Determination of organotin compounds 6.2.6 Flame retardants 6.2.7 Determination of lead 6.2.8 Determination of Cadmium 6.2.9 Determination of allergenous dyes 6.2.10 Determination of nickel release 6.2.11 Determination of nonylphenol	6.2.1 : 2 ~ 13 6.2.2 : 5 mg/kg or more 6.2.3 : 5 mg/kg or more 6.2.4 : 6.2.4: DBP: 0.005 % or more BBP: 0.005 % or more DEHP: 0.005 % or more DNOP: 0.005 % or more DINP: 0.005 % or more DIDP: 0.005 % or more DIBP: 0.005 % or more 6.2.5 : 0.1 mg/kg or more 6.2.6 : 5 mg/kg or more 6.2.7 : 10 mg/kg or more 6.2.8 : 10 mg/kg or more 6.2.9 : 20 mg/kg or more 6.2.10 : 0.05 ㎍/㎠ /week or more 6.2.11 : NP : 10 mg/kg or more NPEOs : 30 mg/kg or more	BS	N

No. KT003

02. Chemical Testing

02.027 Leather

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
BS EN ISO 17234-1:2020	Leather	Leather. Chemical tests for the determination of certain azo colorants in dyed leathers. Determination of certain aromatic amines derived from azo colorants	each 5 mg/kg or more	BS	N
GB/T 19941.1-2019	Leather	Leather and fur - Determination of formaldehyde content - Part 1:High performance liquid chromatography method	5 mg/kg or more	BS	N
GB/T 19941.2-2019	Leather	Leather and fur - Determination of formaldehyde content - Part 2:Colorimetric method	16 mg/kg or more	BS	N
GB/T 19942-2019	Leather	Leather and fur - Chemical tests - Determination of banned azo colourants	each 5 mg/kg or more	BS	N
ISO 16186:2021	Leather	Footwear - Critical substances potentially present in footwear and footwear component - Determination of dimethyl fumarate (DMFU)	0.05 mg/kg or more	BS	N
ISO 17234-1:2020	Leather	Leather - Chemical tests for the determination of certain azo colorants in dyed leathers - Part 1 : Determination of certain aromatic amines derived from azo colorants	each 5 mg/kg or more	BS	N
ISO/TS 16186:2012	Leather	Footwear - Critical substances potentially present in footwear and footwear component - Test method to quantitatively determine dimethyl fumarate (DMFU) in footwear materials	0.05 mg/kg or more	BS	N

No. KT003

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
KS M ISO 17075-1:2017	Leather	Leather - Chemical determination of chromium(VI) content in leather — Part 1 Colorimetric method	0.5 mg/kg or more	BS	N
KS M ISO 17075:2007	Leather	Leather-Chemical tests-Determination of chromium(VI) content	0.5 mg/kg or more	BS	N
KS M ISO 17226-1:2018	Leather	Leather - Chemical determination of formaldehyde content - Part 1: Method using high performance liquid chromatography	5 mg/kg or more	BS	N
KS M ISO 17226-2:2018	Leather	Leather - Chemical determination of formaldehyde content - Part 2: Method using colorimetric analysis	16 mg/kg 이상	BS	N
KS M ISO 17226-3:2011	Leather	Leather - Chemical determination of formaldehyde content - Part 3 : Determination of formaldehyde emissions from leather	5 mg/kg or more	BS	N
KS M ISO 4045:2018	Leather	Leather - Chemical tests - Determination of pH and difference figure	2 ~ 13	BS	N
KS M ISO 5398-4:2018	Leather	Leather - Chemical determination of chromic oxide content — Part 4 : Quantification by inductively coupled plasma	2 mg/kg or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
KATS Notice No.2018-195(06.29.2018.)	Leather	Compliance with Safety Standard Annex 3 Leather products 5.2.1 Determination of formaldehyde 5.2.2 Determination of Pentachlorophenol (PCP) 5.2.3 Determination of chromium(VI) 5.2.4 Determination of dimethylfumarate 5.2.5 Determination of arylamine 5.2.6 Determination of phthalates 5.2.7 Determination of organotin compounds 5.2.8 Determination of lead and cadmium 5.2.9 Determination of nickel release	5.2.1 : 16 mg/kg or more 5.2.2 : 0.1 mg/kg or more 5.2.3 : 0.5 mg/kg or more 5.2.4: 0.05 mg/kg or more 5.2.5 : each 5 mg/kg or more 5.2.6 : DBP : 0.005 % or more BBP : 0.005 % or more DEHP : 0.005 % or more DNOP : 0.005 % or more DINP: 0.005 % or more DIDP : 0.005 % or more 5.2.7 : 0.1 mg/kg or more 5.2.8 : Pb : 10 mg/kg or more Cd : 10 mg/kg or more 5.2.9 : 0.05 ㎍/㎠/week or more	BS	N
MOTIE Notice No.2018-031(03.05.2018.)	Leather	Supplier's Conforimity Safety Standard Annex 1 Leather products for children 5.2 Hazardous Substance safety requirements 5.2.1 Determination of formaldehyde 5.2.2 Determination of Pentachlorophenol (PCP) 5.2.3 Determination of chromium(VI) 5.2.4 Determination of dimethylfumarate 5.2.5 Determination of arylamine 5.2.6 Determination of hazardous elements 5.2.7 Determination of organotin compounds 5.2.8 Determination of phthalates 5.2.9 Determination of nickel release	5.2.1 : 16 mg/kg or more 5.2.2 : 0.1 mg/kg or more 5.2.3 : 0.5 mg/kg or more 5.2.4 : 0.05 mg/kg or more 5.2.5 : each 5 mg/kg or more 5.2.6 : Pb : 10 mg/kg or more Cd : 10 mg/kg or more 5.2.7 : 0.1 mg/kg or more 5.2.8 : DBP : 0.005 % or more BBP : 0.005 % or more DEHP : 0.005 % or more DNOP : 0.005 % or more DINP: 0.005 % or more DIDP : 0.005 % or more 5.2.9 : 0.05 ㎍/㎠/week or more	BS	N

No. KT003

02. Chemical Testing

02.033 Household products

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
KATS Notice No.2009-0977(12.30.2009.)	Household products	Safety certification safety standard Annex 3 Domestic pressure pans and pressure pots 6.5.1 Plastic products solution 6.5.1.1 Migration of phenol 6.5.1.2 Migration of formaldehyde 6.5.1.3 Migration of heavy metals 6.5.1.4 Evaporated residues 6.5.1.5 Potassium permanganate consumption 6.5.2 Rubber 6.5.2.1 Migration of lead and cadmium 6.5.2.2 Migration of heavy metals 6.5.2.3 Evaporated residues 6.5.2.4 Potassium permanganate consumption 6.5.2.5 Migration of Zinc 6.5.3 Hardwaremetal goods 1) Lead 2) Cadmium 3) Nickel 4) Chromium(VI) 5) Arsenic	6.5.1.1 : Visual assessment, 1 mg/L or more 6.5.1.2 : Visual assessment, 1 mg/L or more 6.5.1.3 : Visual assessment, 1 mg/L or more 6.5.1.4 : 10 mg/L or more 6.5.1.5 : 5 mg/L or more 6.5.2.1 : Pb: 10 mg/L or more Cd: 10 mg/L or more 6.5.2.2 : Visual assessment, 1 mg/L or more 6.5.2.3 : 10 mg/L or more 6.5.2.4 : 5 mg/L or more 6.5.2.5 : 0.5 mg/L or more 6.5.3 1) 0.1 mg/L or more 2) 0.05 mg/L or more 3) 0.05 mg/L or more 4) 0.1 mg/L or more 5) 0.1 mg/L (As_2O_3) or more	BS	N
KATS Notice No.2017-032(02.08.2017.)	Household products	Safety Confirmation Safety Standard Annex 68 Thermal pack 6.4 Hazardous substances 6.4.1 Determination of lead 6.4.2 Determination of cadmium 6.4.3 Determination of phthalates 6.4.4 Migration of certain elements	6.4.1 : 10 mg/kg or more 6.4.2 : 10 mg/kg or more 6.4.3 : DBP : 0.005 % or more BBP : 0.005 % or more DEHP : 0.005 % or more 6.4.4 : Cr : 5 mg/kg or more Ba : 5 mg/kg or more As : 2 mg/kg or more Hg : 5 mg/kg or more Sb : 5 mg/kg or more Se : 5 mg/kg or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
KATS Notice No.2021-136(05.26.2021.)	Household products	Compliance with Safety Standard Annex 7 Sunglass 4.2 Determination of nickel release	4.2 0.05 ㎍/㎠/week or more	BS	N
KATS Notice No.2021-136(05.26.2021.)	Household products	Compliance with Safety Standard Annex 8 Glass Frame 4.1 Determination of nickel release	4.1 0.05 ㎍/㎠/week or more	BS	N
MFDS Notice No.2021-076(09.07.2021.)	Household products	Korea Food utensils, containers and packages code Ⅲ. Material standard 5. Metal material d. Test method 1) Lead 2) Cadmium 3) Nickel 4) Chromium(VI) 5) Arsenic	1) 0.1 mg/L or more 2) 0.05 mg/L or more 3) 0.05 mg/L or more 4) 0.05 mg/L or more 5) 0.1 mg/L (As_2O_3) or more	BS	N

No. KT003

02. Chemical Testing

02.034 Baby products

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
16 CFR 1303(2018)	Baby products	BAN OF LEAD-CONTAINING PAINT AND CERTAIN CONSUMER PRODUCTS BEARING LEAD-CONTAINING PAINT	10 mg/kg or more	BS	N
ASTM E1645-21	Baby products	Standard Practice for Preparation of Dried Paint Samples by Hotplate or Microwave Digestion for Subsequent Lead Analysis	10 mg/kg or more	BS	N
ASTM F963-17	Baby products	Standard consumer safety specification for toy safety 4. Safety Requirement 4.3.1 Hazardous Substance 4.3.5 Heavy Elements 4.3.5.1 Paint and Similar Surface-Coating Materials 4.3.5.1 (1) Surface Coating Materials - Determination of lead 4.3.5.1 (2) Surface Coating Materials - Migration of certain elements 4.3.5.2 Toy Substrate Materials 4.3.7 Stuffing Materials	4.3.5.1 : (1) 10 mg/kg or more (2) Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more Ba : 5 mg/kg or more As : 2 mg/kg or more Hg : 5 mg/kg or more Sb : 5 mg/kg or more Se : 5 mg/kg or more 4.3.5.2 Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more Ba : 5 mg/kg or more As : 2 mg/kg or more Hg : 5 mg/kg or more Sb : 5 mg/kg or more Se : 5 mg/kg or more 4.3.7 : Visual assessment	BS	N
BS EN 1541:2001	Baby products	Paper and board intended to come into contact with foodstuffs. Determination of formaldehyde in an aqueous extract	5 mg/kg or more	BS	N
BS EN 645:1994	Baby products	Paper and Board intended to come into contact with foodstuffs - Preparation of a cold water extract	-	BS	N
BS EN 71-10:2005	Baby products	Organic chemical compounds - Sample preparation and extraction	-	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
BS EN 71-11:2005	Baby products	Organic chemical compounds - Methods of analysis 5.2 Flame retardants 5.3 Colourants 5.4 Primary aromatic amines 5.5 Monomers and solvents Acrylamide Bisphenol A Formaldehyde Phenol Styrene Trichloroethylene Dichloromethane 2-Methoxy-ethyl acetate 2-Ethoxy-ethanol 2-Ethoxy-ethyl acetate Bis-(2-methoxy-ethyl) ether 2-Methoxy-propyl acetate Methanol Nitrobenzene Cyclohexanone 3,5,5-Trimethyl-2-cyclohexene-1-one Toluene Ethylbenzene Xylene (o-, m-, p-) 5.6 Wood preservatives 2,4-Dichlorophenol 2,4,6-Trichlorophenol 2,4,5-Trichlorophenol 2,3,4,6-Tetrachlorophenol Pentachlorophenol Lindane Cyfluthrin Cypermethrin Deltamethrin Permethrin 5.7 Preservatives Phenol 1,2-Benzylisothiazolin-3-one 2-Methyl-4-isothiazolin-3-one 5-Chloro-2-methyl-4-isothiazolin-3-one 5-Chloro-2-methyl-4-isothiazolin-3-one + 2-methyl-4-isothiazolin-3-one Formaldehyde (free) 5.8 Plasticisers Annex A (informative) Methods of analysis for volatile solvents	5.2 : PBDE : 100 mg/kg or more OBDE : 100 mg/kg or more Tri-o-cresyl phosphate : 5 mg/kg or more Tris(2-chloroethyl) phosphate : 5 mg/kg or more Tris(2-chloro-1-methylethyl)phosphate : 1 mg/kg or more Tris(1,3-dichloro-2-propyl) phosphate: 1 mg/kg or more 5.3 : each 5 mg/kg or more 5.4 : each 5 mg/kg or more 5.5 : 0.02 mg/L or more, 0.01 mg/L or more, 1 mg/L or more, 1 mg/L or more, 0.01 mg/L or more, 0.01 mg/L or more, 0.01 mg/L or more, 0.05 mg/L or more, 0.05 mg/L or more, 0.05 mg/L or more, 0.05 mg/L or more, 0.05 mg/L or more, 0.05 mg/L or more, 0.4 mg/L or more, 0.02 mg/L or more, 0.15 mg/L or more, 0.3 mg/L or more, 0.15 mg/L or more, 0.1 mg/L or more, 0.1 mg/L or more 5.6 : 2 mg/kg or more, 2 mg/kg or more, 2 mg/kg or more, 1 mg/kg or more, 1 mg/kg or more, 1 mg/kg or more, 10 mg/kg or more, 10 mg/kg or more, 10 mg/kg or more, 10 mg/kg or more 5.7 : 7.5 mg/kg or more, 2.5 mg/kg or more, 0.25 mg/kg or more, 0.75 mg/kg or more, 1 mg/kg or more, 0.01 % or more, each 0.03 mg/L or more, 100 ㎍/㎥ or more, 2 500 ㎍/㎥ or more,	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
		Toluene Ethylbenzene Xylene (o-, m-, p-) 1,3,5-Trimethylbenzene (mesitylene) Trichloroethylene Dichloromethane n-Hexane Nitrobenzene Cyclohexanone 3,5,5-Trimethyl-2-cyclohexene-1-one	500 ㎍/㎥ or more, 1 500 ㎍/㎥ or more, 30 ㎍/㎥ or more, 1 500 ㎍/㎥ or more, 1 000 ㎍/㎥ or more, 30 ㎍/㎥ or more, 50 ㎍/㎥ or more, 100 ㎍/㎥ or more		
BS EN 71-12:2016-TC	Baby products	N-Nitrosamines and N-nitrosatable substances 7.2 Finger paints 7.3 Elastomers	Nitrosamines : 0.02 mg/kg or more N-nitrostable substance : 0.013 mg/kg or more Nitrosamines : 0.01 mg/kg or more N-nitrostable substance : 0.013 mg/kg or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
BS EN 71-3: 2019+A1:2021	Baby products	Safety of toys - Part 3 : Migration of certain elements	Al : 50 mg/kg or more Sb : 2 mg/kg or more As : 0.5 mg/kg or more Ba : 50 mg/kg or more B : 50 mg/kg or more Cd : 0.3 mg/kg or more Cr : 0.005 mg/kg or more Cr(III) : 0.2 mg/kg or more Cr(VI) : 0.005 mg/kg or more Co : 2.0 mg/kg or more Cu : 50 mg/kg or more Pb : 0.5 mg/kg or more Mn : 50 mg/kg or more Hg : 0.5 mg/kg or more Ni : 10 mg/kg or more Se : 5 mg/kg or more Sr : 50 mg/kg or more Sn : 0.08 mg/kg or more Zn : 50 mg/kg or more Organic Tin : MeT : 0.1 mg/kg or more MBT : 0.1 mg/kg or more DBT : 0.1 mg/kg or more TBT : 0.1 mg/kg or more TeBT : 0.1 mg/kg or more MOT : 0.1 mg/kg or more DOT : 0.1 mg/kg or more DProT : 0.1 mg/kg or more DPhT : 0.1 mg/kg or more TPhT : 0.1 mg/kg or more DMT : 0.1 mg/kg or more	BS	N
BS EN 71-4:2020	Baby products	Safety of toys - Part 4 : Experimental sets for chemistry and related activities	-	BS	N
BS EN 71-5:2015-TC	Baby products	Safety of toys - Part 5 : Chemical toys (sets) other than experimental sets	-	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
BS EN 71-9:2005+A1:2007	Baby products	Organic chemical compounds - Requirements	-	BS	N
BS EN 717-3:1996	Baby products	Wood-based panels. Determination of formaldehyde release. Formaldehyde release by the flask method	2 mg/kg or more	BS	N
CPSC-CH-C1001-09.3(2010)	Baby products	Standard Operating Procedure for Determination of Phthalates, April 1, 2010	DBP : 50 mg/kg or more BBP : 50 mg/kg or more DEHP : 50 mg/kg or more DNOP : 50 mg/kg or more DINP: 50 mg/kg or more DIDP : 50 mg/kg or more	BS	N
CPSC-CH-C1001-09.4(2018)	Baby products	Standard Operating Procedure for Determination of Phthalates	DBP : 50 mg/kg or more DIBP : 50 mg/kg or more DPENP :50 mg/kg or more DHEXP : 50 mg/kg or more DCHP : 50 mg/kg or more DEHP : 50 mg/kg or more BBP : 50 mg/kg or more DINP : 50 mg/kg or more	BS	N
CPSC-CH-E1001-8.3(2012)	Baby products	Standard Operating Procedure for Determining Total Lead (Pb) in Metal Children's Products (including Children's Metal Jewelry), Revision November 15, 2012	10 mg/kg or more	BS	N
CPSC-CH-E1002-8.3(2012)	Baby products	Standard Operating Procedure for Determining Total Lead (Pb) in Non-Metal Children's Products, Revision November 15, 2012*	10 mg/kg or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
CPSC-CH-E1003-09.1(2011)	Baby products	Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings, February 25, 2011	10 mg/kg or more	BS	N
ISO 8124-3:2020	Baby products	Safety of toy - part 3 : Migration of certain elements	Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more Ba : 5 mg/kg or more As : 2 mg/kg or more Hg : 5 mg/kg or more Sb : 5 mg/kg or more Se : 5 mg/kg or more	BS	N
KS G ISO 8124-3:2010	Baby products	Safety of toy - part 3 : Migration of certain elements	Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more Ba : 5 mg/kg or more As : 2 mg/kg or more Hg : 5 mg/kg or more Sb : 5 mg/kg or more Se : 5 mg/kg or more	BS	N
KS K 0853:2017	Baby products	Test method for determination of nickel release from products intended to come into direct and prolonged contact with the skin : Alternate exposure	0.05 ㎍/㎠/week or more	BS	N
KS K 0854:2017	Baby products	Test method for simulation of wear and corrosion for the detection of nickel release from coated items : Alternate exposure	0.05 ㎍/㎠/week or more	BS	N
KS M 1993-2:2020	Baby products	Determination of Emissive Organic Compounds in Solid and/or Semi-solid products — Part 2: Formaldehyde and Other Carbonyl Compounds — High Performance Liquid Chromatography	50 mg/kg or more	BS	N
KS M 3705:2020	Baby products	General testing methods for adhesives 6.2 pH	2 ~ 13	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
KS M ISO 787-9:2019	Baby products	General methods of test for pigments and extenders-Part 9: Determination of pH value of an aqueous suspension	2 ~ 13	BS	N
NF EN 71-7:2014+A3:2020	Baby products	Finger Paints - Requirements and test methods (1) Colourants, Primary aromatic amines (2) Impurities Hexachlorobenzene PCB congener 11 (3,3'-Dichlorobiphenyl) PCB congener 28 (2,4,4'-Trichlorobiphenyl) PCB congener 52 (2,2',5,5'-Tetrachlorobiphenyl) PCB congener 101 (2,2',4,5,5'-Pentachlorobiphenyl) PCB congener 118 (2,3',4,4',5-Pentachlorobiphenyl) PCB congener 138 (2,2',3,4,4',5'-Hexachlorobiphenyl) PCB congener 153 (2,2',4,4',5,5'-Hexachlorobiphenyl) PCB congener 180 (2,2',3,4,4',5,5'-Heptachlorobiphenyl) PCB congener 209 (Decachlorobiphenyl) Benzo[α]pyrene (B[α]P)	(1) 5 mg/kg or more (2) 0.12 mg/kg or more, 0.12 mg/kg or more, 0.12 mg/kg or more, 0.12 mg/kg or more, 0.12 mg/kg or more, 0.12 mg/kg or more, 0.12 mg/kg or more, 0.12 mg/kg or more, 0.12 mg/kg or more, 0.12 mg/kg or more, 0.02 mg/kg or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
KATS Notice No.2016-600(12.23.2016.)	Baby products	Safety certification safety standard Annex 7 Aquatic Equipment Part 1 Inflatable aquatic equipment 5.8 Migration of certain elements 5.10 Determination of lead Part 2 Inflatable Boat 5.14 Migration of certain element 5.16 Determination of lead Part 3 Buoyant aids to be worn 6.16.3 Migration of certain elements 6.16.5 Determination of lead Part 4 Requirements and test methods for buoyant devices to be held 6.11.2 Migration of certain elements 6.11.3 Determination of phthalates 6.11.4 Determination of lead	5.8 : Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more As : 2 mg/kg or more 5.10 :10 mg/kg or more 5.14 : Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more As : 2 mg/kg or more 5.16 :10 mg/kg or more 6.16.3 : Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more As : 2 mg/kg or more 6.16.5 :10 mg/kg or more 6.11.2 : Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more As : 2 mg/kg or more 6.11.3 : DBP, BBP, DEHP : 50 mg/kg or more 6.11.4 : 10 mg/kg or more	BS	N
KATS Notice No.2018-195(06.29.2018.)	Baby products	Compliance sith Safety Standard Annex 22 Metal Jewelry in contact with skin 4.2 Hazardous chemicals 4.2.1 Determination of nickel release	4.2.1 : 0.05 ㎍/㎠/week or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MOTIE Notice No.2015-107(06.04.2015.)	Baby products	Safety certification safety standard Annex 1 Aquatic Equipment For Children Part 1 Inflatable aquatic equipment 5.8 Migration of certain elements 5.9 Determination of phthalates 5.11 Determination of total lead Part 2 Buoyant aids to be worn 6.16.3 Migration of certain elements 6.16.4 Determination of phthalates 6.16.6 Determination of total lead Part 3 Requirements and test methods for buoyant devices 6.11.2 Migration of certain elements 6.11.3 Determination of phthalates 6.11.5 Determination of total lead	5.8: Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more Ba : 5 mg/kg or more As : 2 mg/kg or more Hg : 5 mg/kg or more Sb : 5 mg/kg or more Se : 5 mg/kg or more 5.9 : DBP: 50 mg/kg or more BBP: 50 mg/kg or more DEHP: 50 mg/kg or more DNOP: 50 mg/kg or more DINP: 50 mg/kg or more DIDP: 50 mg/kg or more 5.11 : Pb : 10 mg/kg or more Cd : 10 mg/kg or more 6.16.3 : Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more Ba : 5 mg/kg or more As : 2 mg/kg or more Hg : 5 mg/kg or more Sb : 5 mg/kg or more Se : 5 mg/kg or more 6.16.4 : DBP: 50 mg/kg or more BBP: 50 mg/kg or more DEHP: 50 mg/kg or more DNOP: 50 mg/kg or more DINP: 50 mg/kg or more DIDP: 50 mg/kg or more 6.16.6 : Pb : 10 mg/kg or more Cd : 10 mg/kg or more 6.11.2 : Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more Ba : 5 mg/kg or more As : 2 mg/kg or more Hg : 5 mg/kg or more Sb : 5 mg/kg or more Se : 5 mg/kg or more 6.11.3 : DBP: 50 mg/kg or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
			BBP: 50 mg/kg or more DEHP: 50 mg/kg or more DNOP: 50 mg/kg or more DINP: 50 mg/kg or more DIDP: 50 mg/kg or more 6.11.5 : Pb : 10 mg/kg or more Cd : 10 mg/kg or more		
MOTIE Notice No.2015-108(06.04.2015.)	Baby products	Safety Confirmation Safety Standard Annex 12 Baby walking frames 4.2 Materials 4.2.1 Hazardous substances 4.2.1.2 Determination of lead and cadmium 4.2.1.3 Migration of certain elements 4.2.1.4 Determination of phthalates 4.2.1.5 Determination of formaldehyde	4.2.1.2 : Pb : 10 mg/kg or more Cd : 10 mg/kg or more 4.2.1.3 : Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more Ba : 5 mg/kg or more As : 2 mg/kg or more Hg : 5 mg/kg or more Sb : 5 mg/kg or more Se : 5 mg/kg or more 4.2.1.4 : DBP : 50 mg/kg or more BBP : 50 mg/kg or more DEHP : 50 mg/kg or more DNOP : 50 mg/kg or more DINP: 50 mg/kg or more DIDP : 50 mg/kg or more 4.2.1.5 : 20 mg/kg or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MOTIE Notice No.2015-108(06.04.2015.)	Baby products	Safety Confirmation Safety Standard Annex 13 Baby Carriage 6.2 Materials 6.2.3 Hazardous substances 6.2.3.2 Determination of lead and cadmium 6.2.3.3 Migration of certain elements 6.2.3.4 Determination of phthalates 6.2.3.5 Determination of formaldehyde	6.2.3.2 : Pb : 10 mg/kg or more Cd : 10 mg/kg or more 6.2.3.3 : Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more Ba : 5 mg/kg or more As : 2 mg/kg or more Hg : 5 mg/kg or more Sb : 5 mg/kg or more Se : 5 mg/kg or more 6.2.3.4 : DBP : 50 mg/kg or more BBP : 50 mg/kg or more DEHP : 50 mg/kg or more DNOP : 50 mg/kg or more DINP: 50 mg/kg or more DIDP : 50 mg/kg or more 6.2.3.5 : 20 mg/kg or more	BS	N
MOTIE Notice No.2015-108(06.04.2015.)	Baby products	Safety Confirmation Standard Annex 14 Children's cots Part 1 : General Safety Requirements and Test Method 4.1 Migration of certain elements 4.2 Determination of hazardous elements 4.3 Determination of phthalates 4.4 Formaldehyde	4.1 : Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more Ba : 5 mg/kg or more As : 2 mg/kg or more Hg : 5 mg/kg or more Sb : 5 mg/kg or more Se : 5 mg/kg or more 4.2 : Pb : 10 mg/kg or more Cd : 10 mg/kg or more 4.3 : DBP : 50 mg/kg or more BBP : 50 mg/kg or more DEHP : 50 mg/kg or more DNOP : 50 mg/kg or more DINP: 50 mg/kg or more DIDP : 50 mg/kg or more 4.4 : 5 mg/kg or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MOTIE Notice No.2015-108(06.04.2015.)	Baby products	Safety Confirmation Safety Standard Annex 15 Thermal pack for children 6. Test method 6.4 Migration of certain elements 6.5 Determination of lead and cadmium 6.6 Determination of phthalates	6.4 : Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more Ba : 5 mg/kg or more As : 2 mg/kg or more Hg : 5 mg/kg or more Sb : 5 mg/kg or more Se : 5 mg/kg or more 6.5 : Pb : 10 mg/kg or more Cd : 10 mg/kg or more 6.6 : DBP : 50 mg/kg or more BBP : 50 mg/kg or more DEHP : 50 mg/kg or more DNOP : 50 mg/kg or more DINP: 50 mg/kg or more DIDP : 50 mg/kg or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MOTIE Notice No.2015-108(06.04.2015.)	Baby products	Safety Confirmation Standard Annex 8 Children's chair Part 1 : Children's high chairs 5.4 Test Method of hazardous substances safety requirements 5.4.1 Migration of certain elements 5.4.2 Determination of hazardous elements 5.4.3 Determination of phthalates 5.5 Formaldehyde Part 2 : Children's booster Chairs 5.4 Test Method of hazardous substances safety requirements 5.4.1 Migration of certain elements 5.4.2 Determination of hazardous elements 5.4.3 Determination of phthalates 5.5 Formaldehyde Part 3 : Children's table mounted Chairs (Children's table mounted Chairs) 5.4 Test Method of hazardous substances safety requirements 5.4.1 Migration of certain elements 5.4.2 Determination of hazardous elements 5.4.3 Determination of phthalates 5.5 Formaldehyde	5.4.1 : Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more Ba : 5 mg/kg or more As : 2 mg/kg or more Hg : 5 mg/kg or more Sb : 5 mg/kg or more Se : 5 mg/kg or more 5.4.2 : Pb : 10 mg/kg or more Cd : 10 mg/kg or more 5.4.3 : DBP : 50 mg/kg or more BBP : 50 mg/kg or more DEHP : 50 mg/kg or more DNOP : 50 mg/kg or more DINP: 50 mg/kg or more DIDP : 50 mg/kg or more 5.5 : 5 mg/kg or more 5.4.1 : Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more Ba : 5 mg/kg or more As : 2 mg/kg or more Hg : 5 mg/kg or more Sb : 5 mg/kg or more Se : 5 mg/kg or more 5.4.2 : Pb : 10 mg/kg or more Cd : 10 mg/kg or more 5.4.3 : DBP : 50 mg/kg or more BBP : 50 mg/kg or more DEHP : 50 mg/kg or more DNOP : 50 mg/kg or more DINP: 50 mg/kg or more DIDP : 50 mg/kg or more 5.5 : 5 mg/kg or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
			5.4.1 : Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more Ba : 5 mg/kg or more As : 2 mg/kg or more Hg : 5 mg/kg or more Sb : 5 mg/kg or more Se : 5 mg/kg or more 5.4.2 : Pb : 10 mg/kg or more Cd : 10 mg/kg or more 5.4.3 : DBP : 50 mg/kg or more BBP : 50 mg/kg or more DEHP : 50 mg/kg or more DNOP : 50 mg/kg or more DINP: 50 mg/kg or more DIDP : 50 mg/kg or more 5.5 : 5 mg/kg or more		

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MOTIE Notice No. 2015-108(06.04.2015.)	Baby products	Safety Confirmation Safety Standard Annex 16 Children's Carrier Part 1 Children's Soft Carrier 6.2 Materials 6.2.1 Hazardous substances 6.2.1.1 Migration of certain elements 6.2.1.2 Determination of lead and cadmium 6.2.1.3 Determination of phthalates 6.2.2 Formaldehyde Part 2 Children's Frame Carrier 6.2 Materials 6.2.1 Hazardous substances 6.2.1.1 Migration of certain elements 6.2.1.2 Determination of lead and cadmium 6.2.1.3 Determination of phthalates 6.2.2 Formaldehyde	6.2.1.1 : Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more Ba : 5 mg/kg or more As : 2 mg/kg or more Hg : 5 mg/kg or more Sb : 5 mg/kg or more Se : 5 mg/kg or more 6.2.1.2 : Pb : 10 mg/kg or more Cd : 10 mg/kg or more 6.2.1.3 : DBP : 50 mg/kg or more BBP : 50 mg/kg or more DEHP : 50 mg/kg or more DNOP : 50 mg/kg or more DINP: 50 mg/kg or more DIDP : 50 mg/kg or more 6.2.2 : 20 mg/kg or more 6.2.1.1: Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more Ba : 5 mg/kg or more As : 2 mg/kg or more Hg : 5 mg/kg or more Sb : 5 mg/kg or more Se : 5 mg/kg or more 6.2.1.2 : Pb : 10 mg/kg or more Cd : 10 mg/kg or more 6.2.1.3 : DBP : 50 mg/kg or more BBP : 50 mg/kg or more DEHP : 50 mg/kg or more DNOP : 50 mg/kg or more DINP: 50 mg/kg or more DIDP : 50 mg/kg or more 6.2.2 : 20 mg/kg or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MOTIE Notice No.2015-109(06.04.2015.)	Baby products	Supplier's Conforimity Safety Standard Annex 11 Children's jewelry 5.3 Migration of certain elements 5.4 Determination of hazardous elements 5.5 Determination of nickel release 5.6 Determination of phthalates 5.7 Determination of lead in solder parts	5.3 : Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more Ba : 5 mg/kg or more As : 2 mg/kg or more Hg : 5 mg/kg or more Sb : 5 mg/kg or more Se : 5 mg/kg or more 5.4 : Pb : 10 mg/kg or more Cd : 10 mg/kg or more 5.5 : 0.05 ㎍/㎠/week or more 5.6 : DBP : 50 mg/kg or more BBP : 50 mg/kg or more DEHP : 50 mg/kg or more DNOP : 50 mg/kg or more DINP: 50 mg/kg or more DIDP : 50 mg/kg or more 5.7 : Pb : 10 mg/kg or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MOTIE Notice No.2017-016(01.31.2017.)	Baby products	Safety Confirmation safety Standard Annex 2 Care articles for children Part 1. Children's bedguards 5.4 Chemical properties 5.4.1 Migration of certain elements 5.4.2 Determination of hazardous elements 5.4.3 Determination of phthalates 5.4.4 formaldehyde Part 2. Soothers for babies and young children 5.2 Chemical properties 5.2.1 Migration of certain elements 5.2.2 Determination of hazardous elements 5.2.3 Determination of phthalates 5.2.4 Textiles - Determination of formaldehyde 5.2.5 Determination of nitrosamine 5.2.6 Migration of 2-mercaptoimidazoline 5.2.7 Migration of formaldehyde 5.2.8 Migration of phenol 5.2.9 Migration of bisphenol A Part 3. Soother holder for babies and young children 5.2 Chemical properties 5.2.1 Migration of certain elements 5.2.2 Determination of hazardous elements 5.2.3 Determination of nickel release 5.2.4 Determination of phthalates 5.2.5 Textiles - Determination of formaldehyde Part 4. Floor Mat 5.2 Chemical properties 5.2.1 Migration of certain elements 5.2.2 Determination of hazardous elements 5.2.3 Determination of phthalates 5.2.4 Determination of	5.4.1 : Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more Ba : 5 mg/kg or more As : 2 mg/kg or more Hg : 5 mg/kg or more Sb : 5 mg/kg or more Se : 5 mg/kg or more 5.4.2 : Pb : 10 mg/kg or more Cd : 10 mg/kg or more 5.4.3 : DBP : 50 mg/kg or more BBP : 50 mg/kg or more DEHP : 50 mg/kg or more DNOP : 50 mg/kg or more DINP: 50 mg/kg or more DIDP : 50 mg/kg or more 5.4.4 :20 mg/kg or more 5.2.1 : Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more Ba : 5 mg/kg or more As : 2 mg/kg or more Hg : 5 mg/kg or more Sb : 5 mg/kg or more Se : 5 mg/kg or more 5.2.2 : Pb : 10 mg/kg or more Cd : 10 mg/kg or more 5.2.3 : DBP : 50 mg/kg or more BBP : 50 mg/kg or more DEHP : 50 mg/kg or more DNOP : 50 mg/kg or more DINP: 50 mg/kg or more DIDP : 50 mg/kg or more 5.2.4 :20 mg/kg or more 5.2.5 :0.003 mg/kg or more 5.2.6 :20 mg/L or more 5.2.7 :0.5 mg/L or more 5.2.8 :0.5 mg/L or	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
		formaldehyde 5.2.5 Determination of organotin compounds 5.2.6 Determination of arylamine 5.2.7 Flame retardant 5.2.8 Dimethylfumarate 5.2.9 Determination of allergenous dyes 5.2.10 pH 5.2.11 Volatile organic compounds	more 5.2.9 :0.4 mg/kg or more 5.2.1 : Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more Ba : 5 mg/kg or more As : 2 mg/kg or more Hg : 5 mg/kg or more Sb : 5 mg/kg or more Se : 5 mg/kg or more 5.2.2 : Pb : 10 mg/kg or more Cd : 10 mg/kg or more 5.2.3 : 0.05 ㎍/㎠/week or more 5.2.4 : DBP : 50 mg/kg or more BBP : 50 mg/kg or more DEHP : 50 mg/kg or more DNOP : 50 mg/kg or more DINP: 50 mg/kg or more DIDP : 50 mg/kg or more 5.2.5 :20 mg/kg or more 5.2.1 : Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more Ba : 5 mg/kg or more As : 2 mg/kg or more Hg : 5 mg/kg or more Sb : 5 mg/kg or more Se : 5 mg/kg or more 5.2.2 : lead : 10 mg/kg or more cadmium : 10 mg/kg or more 5.2.3 : DBP : 50 mg/kg or more BBP : 50 mg/kg or more DEHP : 50 mg/kg or more DNOP : 50 mg/kg or more DINP: 50 mg/kg or more DIDP : 50 mg/kg or more		

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
			5.2.4 : 5 mg/kg or more 5.2.5 : 0.1 mg/kg or more 5.2.6 : 5 mg/kg or more 5.2.7 : 5 mg/kg or more 5.2.8 : 0.05 mg/kg or more 5.2.9 : 20 mg/kg or more 5.2.10 : 2 ~ 13 5.2.11 :5.5 ㎍/㎥ or more		
MOTIE Notice No.2018-032(03.05.2018.)	Baby products	Safety Confirmation Safety Standard Annex 1 Textile products for infant 5.2.1 Determination of formaldehyde 5.2.2 Determination of organotin compounds 5.2.3 Determination of arylamine 5.2.4 Determination of phthalates 5.2.5 Determination of flame retardants 5.2.6 pH 5.2.7 Determination of lead 5.2.8 Determination of cadmium 5.2.9 Determination of allergenous dyes 5.2.10 Determination of nickel release 5.2.11 Determination of Nonylphenol 5.2.12 Determination of dimethylfumarate	5.2.1 : 5 mg/kg or more 5.2.2 : 0.5 mg/kg or more 5.2.3 : 5 mg/kg or more 5.2.4 : DBP : 50 mg/kg or more BBP : 50 mg/kg or more DEHP : 50 mg/kg or more DNOP : 50 mg/kg or more DINP: 50 mg/kg or more DIDP : 50 mg/kg or more 5.2.5 : 5 mg/kg or more 5.2.6 : 2 ~ 13 5.2.7 : 10 mg/kg or more 5.2.8 : 10 mg/kg or more 5.2.9: 20 mg/kg or more 5.2.10 : 0.05 ㎍/㎠ /week or more 5.2.11 : NP : 10 mg/kg or more NPEOs : 30 mg/kg or more 5.2.12 : 0.05 mg/kg or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MOTIE Notice No.2019-201(12.03.2019.)	Baby products	Common safety standard for Children's Products 4.1 Test Method of hazardous substances safety requirements 4.1.1 Migration of certain elements 4.1.2 Determination of hazardous elements 4.1.3 Determination of phthalates 4.1.4 Determination of nitrosamine 4.1.5 Formaldehyde 4.1.6 Arylamine 4.1.7 pH	4.1.1 : Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more Ba : 5 mg/kg or more As : 2 mg/kg or more Hg : 5 mg/kg or more Sb : 5 mg/kg or more Se : 5 mg/kg or more 4.1.2 : Pb : 10 mg/kg or more Cd : 10 mg/kg or more 4.1.3 : DBP : 50 mg/kg or more BBP : 50 mg/kg or more DEHP : 50 mg/kg or more DNOP : 50 mg/kg or more DINP: 50 mg/kg or more DIDP : 50 mg/kg or more 4.1.4 :0.003 mg/kg or more 4.1.5 :5 mg/kg or more 4.1.6 :5 mg/kg or more 4.1.7 :2 ~ 13	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MOTIE Notice No.2020-020(03.01.2020.)	Baby products	Supplier's Conformity Safety Standard Annex 14 Furniture for Children 6.9 Hazardous substances 6.9.1 Pentachlorophenol(PCP) 6.9.2 Hexavalent chromium 6.9.3 Dimethylfumarate 6.9.4 Arylamine 6.9.5 Formaldehyde in textile and leather products 6.9.6 Organotin compounds(TBT) 6.9.8 Formaldehyde, Toluene, total volatile organic compounds 6.9.9 Migration of certain elements 6.9.10 Determination of lead and cadmium 6.9.11 Determination of phthalates	6.9.1 : 0.1 mg/kg or more 6.9.2 : 0.5 mg/kg or more 6.9.3 : 0.05 mg/kg or more 6.9.4 : 5 mg/kg or more 6.9.5 : 20 mg/kg or more 6.9.6 : 0.5 mg/kg or more 6.9.8 : 0.001 ㎍/(㎡ · h) or more 6.9.9 : Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more Ba : 5 mg/kg or more As : 2 mg/kg or more Hg : 5 mg/kg or more Sb : 5 mg/kg or more Se : 5 mg/kg or more 6.9.10 : Pb : 10 mg/kg or more Cd : 10 mg/kg or more 6.9.11 : DBP : 50 mg/kg or more BBP : 50 mg/kg or more DEHP : 50 mg/kg or more DNOP : 50 mg/kg or more DINP: 50 mg/kg or more DIDP : 50 mg/kg or more	BS	N

No. KT003

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MOTIE Notice No.2020-229(12.30.2020.)	Baby products	Safety Confirmation Safety Standard Annex 11 School things 5.2 Migration of certain elements 5.3 Determination of lead and cadmium 5.4 Determination of phthalates 5.7 Formaldehyde 5.7.1 Ink(Marking pens) 5.7.2 Glue 5.9 pH(Liquid glue) 5.10 N-nitrosamines and N-nitrosatable substance	5.2 : Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more Ba : 5 mg/kg or more As : 2 mg/kg or more Hg : 5 mg/kg or more Sb : 5 mg/kg or more Se : 5 mg/kg or more 5.3 : Pb : 10 mg/kg or more Cd : 10 mg/kg or more 5.4 : DBP : 50 mg/kg or more BBP : 50 mg/kg or more DEHP : 50 mg/kg or more DNOP : 50 mg/kg or more DINP: 50 mg/kg or more DIDP : 50 mg/kg or more DIBP : 50 mg/kg or more 5.7.1 : 20 mg/kg or more 5.7.2 : 50 mg/kg or more 5.9 : 2 ~ 13 5.10 : 0.003 mg/kg or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MOTIE Notice No.2020-229(12.30.2020.)	Baby products	Safety Confirmation Safety Standard Annex 6 Toys Part 4. Hazardous chemical materials 4.1 Migration of certain elements Al, Sb, As, Ba, B, Cd, Cr, Cr(III), Cr(VI), Co, Cu, Pb, Mn, Hg, Ni, Se, Sr, Sn, Zn, Organic Tin 4.2 Lead 4.3 Cadmium 4.4 Nickel release 4.5 Phthalates DBP, BBP, DEHP, DNOP, DINP, DIDP, DIBP 4.6 N-nitrosamines and N-nitrosatable substance Part 7. Finger paints 5.1 General 5.2 Colourant 5.3 Migration of certain elements 5.4 Primary aromatic amines 5.5 pH Part 8. Organic chemical compounds - Requirements Part 9. Organic chemical compounds - Sample preparation and extraction Part 10. Organic chemical compounds - Methods of analysis 5.2 Flame retardants 5.3 Colourants 5.4 Primary aromatic amines 5.5 Monomers and solvents Acrylamide Bisphenol A Formaldehyde Phenol Styrene Trichloroethylene Dichloromethane 2-Methoxy-ethyl acetate 2-Ethoxy-ethanol 2-Ethoxy-ethyl acetate Bis-(2-methoxy-ethyl) ether 2-Methoxy-propyl acetate Methanol Nitrobenzene Cyclohexanone	Part 4. Hazardous chemical materials 4.1 Al : 50 mg/kg or more Sb : 2 mg/kg or more As : 0.5 mg/kg or more Ba : 50 mg/kg or more B : 50 mg/kg or more Cd : 0.3 mg/kg or more Cr : 0.005 mg/kg or more Cr(III) : 0.2 mg/kg or more Cr(VI) : 0.005 mg/kg or more Co : 2.0 mg/kg or more Cu : 50 mg/kg or more Pb : 0.5 mg/kg or more Mn : 50 mg/kg or more Hg : 0.5 mg/kg or more Ni : 10 mg/kg or more Se : 5 mg/kg or more Sr : 50 mg/kg or more Sn : 0.08 mg/kg or more Zn : 50 mg/kg or more Organic Tin : MeT : 0.1 mg/kg or more MBT : 0.1 mg/kg or more DBT : 0.1 mg/kg or more TBT : 0.1 mg/kg or more TeBT : 0.1 mg/kg or more MOT : 0.1 mg/kg or more DOT : 0.1 mg/kg or more DProT : 0.1 mg/kg or more DPhT : 0.1 mg/kg or more TPhT : 0.1 mg/kg or more 4.2 : 10 mg/kg or more 4.3 : 10 mg/kg or more 4.4 : 0.05 ㎍/㎠/week or more 4.5 : DBP : 50 mg/kg or more BBP : 50 mg/kg or more DEHP : 50 mg/kg or more DNOP : 50 mg/kg or	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
		3,5,5-Trimethyl-2-cyclohexene-1-one Toluene Ethylbenzene Xylene (o-, m-, p-) 5.6 Wood preservatives 2,4-Dichlorophenol 2,4,6-Trichlorophenol 2,4,5-Trichlorophenol 2,3,4,6-Tetrachlorophenol Pentachlorophenol Lindane Cyfluthrin Cypermethrin Deltamethrin Permethrin 5.7 Preservatives Phenol 1,2-Benzylisothiazolin-3-one 2-Methyl-4-isothiazolin-3-one 5-Chloro-2-methyl-4-isothiazolin-3-one 5-Chloro-2-methyl-4-isothiazolin-3-one + 2-methyl-4-isothiazolin-3-one Formaldehyde (free) 5.8 Plasticisers 5.9 Ethyl acetate, Methanol Annex A (informative) Methods of analysis for volatile solvents Toluene Ethylbenzene Xylene (o-, m-, p-) 1,3,5-Trimethylbenzene (mesitylene) Trichloroethylene Dichloromethane n-Hexane Nitrobenzene Cyclohexanone 3,5,5-Trimethyl-2-cyclohexene-1-one	more DINP: 50 mg/kg or more DIDP : 50 mg/kg or more DIBP : 50 mg/kg or more 4.6 : 0.003 mg/kg or more Part 7. Finger paints 5.2 : 5 mg/kg or more 5.3 : Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more Ba : 5 mg/kg or more As : 2 mg/kg or more Hg : 5 mg/kg or more Sb : 5 mg/kg or more Se : 5 mg/kg or more 5.4 : 5 mg/kg or more 5.5 : 2 ~ 13 Part 10. Organic chemical compounds - Methods of analysis 5.2 : PBDE : 100 mg/kg or more OBDE : 100 mg/kg or more Tri-o-cresyl phosphate : 5 mg/kg or more Tris(2-chloroethyl)phosphate : 5 mg/kg or more Tris(2-chloro-1-methylethyl) phosphate : 1 mg/kg or more Tris(1,3-dichloro-2-propyl) phosphate : 1 mg/kg or more 5.3 : 5 mg/kg or more 5.4 : 5 mg/kg or more 5.5 : 0.02 mg/L or more 0.01 mg/L or more 1 mg/L or more 1 mg/L or more 0.01 mg/L or more 0.01 mg/L or more 0.01 mg/L or more 0.05 mg/L or more 0.05 mg/L or more 0.05 mg/L or more 0.05 mg/L or more 0.05 mg/L or more 0.4 mg/L or more		

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
			0.02 mg/L or more 0.15 mg/L or more 0.3 mg/L or more 0.15 mg/L or more 0.1 mg/L or more 0.1 mg/L or more 5.6 2 mg/kg or more 2 mg/kg or more 2 mg/kg or more 1 mg/kg or more 1 mg/kg or more 1 mg/kg or more 10 mg/kg or more 10 mg/kg or more 10 mg/kg or more 10 mg/kg or more 5.7 7.5 mg/kg or more 2.5 mg/kg or more 0.25 mg/kg or more 0.75 mg/kg or more 1 mg/kg or more 0.01 % or more 5.8 : each 0.03 mg/L or more 5.9 : each 5 mg/kg or more Annex A 100 ㎍/㎥ or more 2 500 ㎍/㎥ or more 500 ㎍/㎥ or more 1 500 ㎍/㎥ or more 30 ㎍/㎥ or more 1 500 ㎍/㎥ or more 1 000 ㎍/㎥ or more 30 ㎍/㎥ or more 50 ㎍/㎥ or more 100 ㎍/㎥ or more		
MOTIE Notice No.2021 - 089(05.26.2021.)	Baby products	Supplier's Conformity Safety Standard Annex 3 Sunglass / Glasses Frame for children 4.2 Determination of nickel release	4.2 0.05 ㎍/㎠/week or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MOTIE Notice No.2021-132(07.19.2021.)	Baby products	Common safety standard for Children's Products 4.1 Test Method of hazardous substances safety requirements 4.1.1 Migration of certain elements 4.1.2 Determination of hazardous elements 4.1.3 Determination of phthalates 4.1.4 N-nitrosamines and N-nitrosatable substance 4.1.5 Formaldehyde 4.1.6 Arylamine 4.1.7 pH	4.1.1 : Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more Ba : 5 mg/kg or more As : 2 mg/kg or more Hg : 5 mg/kg or more Sb : 5 mg/kg or more Se : 5 mg/kg or more 4.1.2 : Pb : 10 mg/kg or more Cd : 10 mg/kg or more 4.1.3 : DBP : 50 mg/kg or more BBP : 50 mg/kg or more DEHP : 50 mg/kg or more DNOP : 50 mg/kg or more DINP: 50 mg/kg or more DIDP : 50 mg/kg or more DIBP : 50 mg/kg or more 4.1.4 : 0.003 mg/kg or more 4.1.5 : 20 mg/kg or more 4.1.6 : each 5 mg/kg or more 4.1.7 : 2 ~ 13	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MOTIE Notice No.2021-171(10.27.2021.)	Baby products	Safety Confirmation Safety Standard Annex 1 Textile products for infant 6.2.1 Determination of formaldehyde 6.2.2 Determination of organotin compounds 6.2.3 Determination of arylamine 6.2.4 Determination of phthalates 6.2.5 Determination of flame retardants 6.2.6 pH 6.2.7 Determination of lead 6.2.8 Determination of cadmium 6.2.9 Determination of allergenous dyes 6.2.10 Determination of nickel release 6.2.11 Determination of Nonylphenol	6.2.1 : 5 mg/kg or more 6.2.2 : 0.5 mg/kg or more 6.2.3 : 5 mg/kg or more 6.2.4 : DBP : 50 mg/kg or more BBP : 50 mg/kg or more DEHP : 50 mg/kg or more DNOP : 50 mg/kg or more DINP : 50 mg/kg or more DIDP : 50 mg/kg or more DIBP : 50 mg/kg or more 6.2.5 : 5 mg/kg or more 6.2.6 : 2 ~ 13 6.2.7 : 10 mg/kg or more 6.2.8 : 10 mg/kg or more 6.2.9 : 20 mg/kg or more 6.2.10 : 0.05 ㎍/㎠ /week or more 6.2.11 : NP : 10 mg/kg or more NPEOs : 30 mg/kg or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MOTIE Notice No.2021-229(12.29.2021.)	Baby products	Common safety standard for Children's Products 4.1 Test Method of hazardous substances safety requirements 4.1.1 Migration of certain elements 4.1.2 Determination of hazardous elements 4.1.3 Determination of phthalates 4.1.4 N-nitrosamines and N-nitrosatable substance 4.1.5 Formaldehyde 4.1.6 Arylamine 4.1.7 pH	4.1.1 : Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more Ba : 5 mg/kg or more As : 2 mg/kg or more Hg : 5 mg/kg or more Sb : 5 mg/kg or more Se : 5 mg/kg or more 4.1.2 : Pb : 10 mg/kg or more Cd : 10 mg/kg or more 4.1.3 : DBP : 50 mg/kg or more BBP : 50 mg/kg or more DEHP : 50 mg/kg or more DNOP : 50 mg/kg or more DINP: 50 mg/kg or more DIDP : 50 mg/kg or more DIBP : 50 mg/kg or more 4.1.4 : 0.003 mg/kg or more 4.1.5 : 20 mg/kg or more 4.1.6 : each 5 mg/kg or more 4.1.7 : 2 ~ 13	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MOTIE Notice No.2021-230(12.29.2021.)	Baby products	Safety Confirmation Safety Standard Annex 11 School things 5.2 Migration of certain elements 5.3 Determination of lead and cadmium 5.4 Determination of phthalates 5.7 Formaldehyde 5.7.1 Ink(Marking pens) 5.7.2 Glue 5.9 pH(Liquid glue) 5.10 N-nitrosamines and N-nitrosatable substance	5.2 : Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more Ba : 5 mg/kg or more As : 2 mg/kg or more Hg : 5 mg/kg or more Sb : 5 mg/kg or more Se : 5 mg/kg or more 5.3 : Pb : 10 mg/kg or more Cd : 10 mg/kg or more 5.4 : DBP : 50 mg/kg or more BBP : 50 mg/kg or more DEHP : 50 mg/kg or more DNOP : 50 mg/kg or more DINP: 50 mg/kg or more DIDP : 50 mg/kg or more DIBP : 50 mg/kg or more 5.7.1 : 20 mg/kg or more 5.7.2 : 50 mg/kg or more 5.9 : 2 ~ 13 5.10 : 0.003 mg/kg or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MOTIE Notice No. 2021-230(12.29.2021.)	Baby products	Safety Confirmation Safety Standard Annex 6 Toys Part 4. Hazardous chemical materials 4.1 Migration of certain elements Part 4. Hazardous chemical materials 4.2 Lead Part 4. Hazardous chemical materials 4.3 Cadmium Part 4. Hazardous chemical materials 4.4 Nickel release Part 4. Hazardous chemical materials 4.5 Determination of phthalates Part 4. Hazardous chemical materials 4.6 N-nitrosamines and N-nitrosatable substance Part 7. Finger paints 5.2 Colourant Part 7. Finger paints 5.3 Migration of certain elements Part 7. Finger paints 5.4 Primary aromatic amines Part 7. Finger paints5.5 pH Part 10. Organic chemical compounds-analytical method 5.2 Flame retardants Part 10. Organic chemical compounds-analytical method 5.3 Colourants Part 10. Organic chemical compounds-analytical method 5.4 Primary aromatic amines Part 10. Organic chemical compounds-analytical method 5.5 Monomers and solvents Part 10. Organic chemical compounds-analytical method 5.6 Wood preservatives Part 10. Organic chemical compounds-analytical method 5.7 Preservatives	Part4 4.1 Al : 50 mg/kg or more Sb : 2 mg/kg or more As : 0.5 mg/kg or more Ba : 50 mg/kg or more B : 50 mg/kg or more Cd : 0.3 mg/kg or more Cr : 0.005 mg/kg or more Cr(III) : 0.2 mg/kg or more Cr(VI) : 0.005 mg/kg or more Co : 2 mg/kg or more Cu : 50 mg/kg or more Pb : 0.5 mg/kg or more Mn : 50 mg/kg or more Hg : 0.5 mg/kg or more Ni : 10 mg/kg or more Se : 5 mg/kg or more Sr : 50 mg/kg or more Sn : 0.08 mg/kg or more Zn : 50 mg/kg or more [Organic Tin] MeT : 0.1 mg/kg or more MBT : 0.1 mg/kg or more DBT : 0.1 mg/kg or more TBT : 0.1 mg/kg or more TeBT : 0.1 mg/kg or more MOT : 0.1 mg/kg or more DOT : 0.1 mg/kg or more DProT : 0.1 mg/kg or more DPhT : 0.1 mg/kg or more TPhT : 0.1 mg/kg or more 4.2 10 mg/kg or more 4.3 10 mg/kg or more 4.4 0.05 ㎍/㎠/week or more 4.5	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
		Part 10. Organic chemical compounds-analytical method 5.8 Plasticisers Part 10. Organic chemical compounds-analytical method 5.9 Ethyl acetate, Methanol Part 10. Organic chemical compounds-analytical method Annex A (informative) Volatile solvents Part 10. Organic chemical compounds-analytical method Annex D (informative) adhesives - Formaldehyde Part 12. N-nitrosamines and N-nitrosatable substance	DBP : 50 mg/kg or more BBP : 50 mg/kg or more DEHP : 50 mg/kg or more DNOP : 50 mg/kg or more DINP: 50 mg/kg or more DIDP : 50 mg/kg or more DIBP : 50 mg/kg or more 4.6 [N-nitrosamines :] N-nitrosodimethylamine : 0.01 mg/kg or more N-nitrosodiethylamine : 0.01 mg/kg or more N-nitrosodi-n-propylamine : 0.01 mg/kg or more N-nitrosodi-n-buthylamine : 0.01 mg/kg or more N-nitrosopiperidine : 0.01 mg/kg or more N-nitrosopyrrolidine : 0.01 mg/kg or more N-nitrosomorpholine : 0.01 mg/kg or more [N-nitrosatable substance] N-nitrosodimethylamine : 0.013 mg/kg or more N-nitrosodiethylamine : 0.013 mg/kg or more N-nitrosodi-n-propylamine : 0.013 mg/kg or more N-nitrosodi-n-buthylamine : 0.013 mg/kg or more N-nitrosopiperidine : 0.013 mg/kg or more N-nitrosopyrrolidine : 0.013 mg/kg or more N-nitrosomorpholine : 0.013 mg/kg or more Part7 5.2 Benzidine : 5 mg/kg or more 2-Naphthylamine : 5 mg/kg or more 4-Chloro-2-methyl-		

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
			aniline : 5 mg/kg or more 4-Aminobiphenyl : 5 mg/kg or more o-Aminoazotoluene : 5 mg/kg or more 2-Amino-4-nitro-toluene : 5 mg/kg or more 4-chloroaniline : 5 mg/kg or more 2,4-Diaminoanisole : 5 mg/kg or more 4,4'-Diaminodiphenyl methane : 5 mg/kg or more 3,3'-Dichlorobenzidine : 5 mg/kg or more 3,3'-Dimethoxybenzidine : 5 mg/kg or more 3,3'-Dimethylbenzidine : 5 mg/kg or more 3,3'-Dimethyl-4,4'-diaminodi phenylmethane : 5 mg/kg or more p-Cresidine : 5 mg/kg or more 2,2'-Dichloro-4,4'-methylene dianiline : 5 mg/kg or more 4,4'-Oxydianiline : 5 mg/kg or more 4,4'-Thiodianiline : 5 mg/kg or more o-Toluidine : 5 mg/kg or more 2,4-Xylidine : 5 mg/kg or more 2,6-Xylidine : 5 mg/kg or more 4-Amino-3-Fluorophenol : 5 mg/kg or more 6-Amino -2-ethoxynaph thalene : 5 mg/kg or more 2-Methoxyaniline : 5 mg/kg or more 4-Aminoazobenzene : 5 mg/kg or more 4-Methyl-m-phenylene diamine : 5 mg/kg or more 2,4,5-Trimethylaniline : 5 mg/kg or more		

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
			5.3 Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more Ba : 5 mg/kg or more As : 2 mg/kg or more Hg : 5 mg/kg or more Sb : 5 mg/kg or more Se : 5 mg/kg or more 5.4 Benzidine : 5 mg/kg or more 2-Naphthylamine : 5 mg/kg or more 4-Chloro-2-methyl-aniline : 5 mg/kg or more 4-Aminobiphenyl : 5 mg/kg or more o-Aminoazotoluene : 5 mg/kg or more 2-Amino-4-nitro-toluene : 5 mg/kg or more 4-chloroaniline : 5 mg/kg or more 2,4-Diaminoanisole : 5 mg/kg or more 4,4'-Diaminodiphenyl methane : 5 mg/kg or more 3,3'-Dichlorobenzidine : 5 mg/kg or more 3,3'-Dimethoxybenzidine : 5 mg/kg or more 3,3'-Dimethylbenzidine : 5 mg/kg or more 3,3'-Dimethyl-4,4'-diaminodi phenylmethane : 5 mg/kg or more p-Cresidine : 5 mg/kg or more 2,2'-Dichloro-4,4'-methylene dianiline : 5 mg/kg or more 4,4'-Oxydianiline : 5 mg/kg or more 4,4'-Thiodianiline : 5 mg/kg or more o-Toluidine : 5 mg/kg or more 2,4-Xylidine : 5 mg/kg or more 2,6-Xylidine : 5 mg/kg		

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
			or more 4-Amino-3-Fluorophenol : 5 mg/kg or more 6-Amino-2-ethoxynaphthalene : 5 mg/kg or more 2-Methoxyaniline : 5 mg/kg or more 4-Aminoazobenzene : 5 mg/kg or more 4-Methyl-m-phenylene diamine : 5 mg/kg or more 2,4,5-Trimethylaniline : 5 mg/kg or more 5.5 2 ~ 13 Part10 5.2 PBDE : 100 mg/kg or more OBDE : 100 mg/kg or more Tri-o-cresyl phosphate : 5 mg/kg or more Tris(2-chloroethyl)phosphate : 5 mg/kg or more Tris(2-chloro-1-methylethyl) phosphate : 1 mg/kg or more Tris(1,3-dichloro-2-propyl) phosphate : 1mg/kg or more 5.3 Disperse Blue 1 : 5 mg/kg or more Disperse Blue 3 : 5 mg/kg or more Disperese Blue 106 : 5 mg/kg or more Disperse Blue 124 : 5 mg/kg or more Disperse Yellow 3 : 5 mg/kg or more Disperse Orange 3 : 5 mg/kg or more Disperse Orange 37/76 : 5 mg/kg or more Disperse Red 1 : 5 mg/kg or more Solvent Yellow 1 : 5 mg/kg or more Solvent Yellow 2 : 5		

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
			mg/kg or more Solvent Yellow 3 : 5 mg/kg or more Basic Red 9 : 5 mg/kg or more Basic Violet 1 : 5 mg/kg or more Basic Violet 3 : 5 mg/kg or more Acid Red 26 : 5 mg/kg or more Acid Viloet 49 : 5 mg/kg or more 5.4 o-Toluidine : 5 mg/kg or more 2-Methoxyaniline : 5 mg/kg or more 4-Chloroaniline : 5 mg/kg or more 2-Naphthylamine : 5 mg/kg or more Benzidine : 5 mg/kg or more Aniline : 5 mg/kg or more 3,3`-Dimethylbenzidine : 5 mg/kg or more 3,3`-Dichlorobenzidine : 5 mg/kg or more 3,3`-Dimethoxybenzidine : 5 mg/kg or more 5.5 Acrylamide : 0.02 mg/L or more Bisphenol A : 0.01 mg/L or more Formaldehyde : 1 mg/L or more Phenol : 1 mg/L or more Styrene : 0.01 mg/L or more Trichloroethylene : 0.01 mg/L or more Dichloromethane : 0.01 mg/L or more 2-Methoxyethyl acetate : 0.05 mg/L or more 2-Ethoxyethanol : 0.05 mg/L or more 2-Ethoxyethyl acetate : 0.05 mg/L or more Bis(2-methoxyethyl) ether : 0.05 mg/L or		

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
			more 2-Methoxypropyl acetate : 0.05 mg/L or more Methanol : 0.4 mg/L or more Nitrobenzene : 0.02 mg/L or more Cyclohexanone : 0.15 mg/L or more 3,5,5-Trimethyl-2-cyclo hexene-1-one : 0.3 mg/L or more Toluene : 0.15 mg/L or more Ethylbenzene : 0.1 mg/L or more Xylene(o-, m-, p-) : 0.1 mg/L or more 5.6 2,4-Dichloropheol : 2 mg/kg or more 2,4,6-Trichlorophenol : 2 mg/kg or more 2,4,5-Trichlorophenol : 2 mg/kg or more 2,3,4,6-Tetrachlorophenol : 1 mg/kg or more Pentachlorophenol : 1 mg/kg or more Lindane : 1 mg/kg or more Cyfluthrin : 10 mg/kg or more Cypermethrin : 10 mg/kg or more Deltamethrin : 10 mg/kg or more Permethrin : 10 mg/kg or more 5.7 Phenol : 7.5 mg/kg or more 1,2-Benzylisothiazolin-3-one : 2.5 mg/kg or more 2-Methyl-4-isothiazolin-3-one : 0.25 mg/kg or more 5-Chloro-2-methyl-4-iso thiazolin-3-one : 0.75 mg/kg or more 5-Chloro-2-methyl-4-		

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
			iso thiazolin-3-one + 2-methyl-4-isothiazolin-3-one : 1 mg/kg or more Formaldehyde (free) : 0.01 % or more 5.8 Triphenyl phosphate : 0.03 mg/L or more Tri-o-cresyl phosphate : 0.03 mg/L or more Tri-m-cresyl phosphate : 0.03 mg/L or more Tri-p-cresyl phosphate : 0.03 mg/L or more 5.9 Ethyl acetate : 5 mg/kg or more Methanol : 5 mg/kg or more Annex A (informative) Volatile solvents Toluene : 100 μg/㎥ or more Ethylbenzene : 2 500 μg/㎥ or more Xylene(o-, m-, p-) : 500 μg/㎥ or more 1,3,5-Trimethylbenzne (mesitylene) : 1 500 μg/㎥ or more Trichloroethylene : 30 μg/㎥ or more Dichloromethane : 1 500 μg/㎥ or more n-Hexane : 1 000 μg/㎥ or more Nitrobenzene : 30 μg/㎥ or more Cyclohexanone : 50 μg/㎥ or more 3,5,5-Trimethyl-2-cyclo hexene-1-one : 100 μg/㎥ or more Annex D (informative) adhesives - Formaldehyde 50 mg/kg or more or 0.005% or more Part 12. [N-nitrosamines] N-nitrosodimethylamine :		

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
			0.01 mg/kg or more N-nitrosodiethylamine : 0.01 mg/kg or more N-nitrosodi-n-propylamine : 0.01 mg/kg or more N-nitrosodi-n-buthylamine : 0.01 mg/kg or more N-nitrosopiperidine : 0.01 mg/kg or more N-nitrosopyrrolidine : 0.01 mg/kg or more N-nitrosomorpholine : 0.01 mg/kg or more [N-nitrosatable substance] N-nitrosodimethylamine : 0.013 mg/kg or more N-nitrosodiethylamine : 0.013 mg/kg or more N-nitrosodi-n-propylamine : 0.013 mg/kg or more N-nitrosodi-n-buthylamine : 0.013 mg/kg or more N-nitrosopiperidine : 0.013 mg/kg or more N-nitrosopyrrolidine : 0.013 mg/kg or more N-nitrosomorpholine : 0.013 mg/kg or more		

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MOTIE Notice No.2022-220(12.14.2022.)	Baby products	Common safety standard for Children's Products 4.1 Test Method of hazardous substances safety requirements 4.1.1 Migration of certain elements 4.1.2 Determination of hazardous elements (Except No. B5) 4.1.3 Determination of phthalates 4.1.4 N-nitrosamines and N-nitrosatable substance 4.1.5 Formaldehyde 4.1.6 Arylamine 4.1.7 pH	4.1.1 : Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more Ba : 5 mg/kg or more As : 2 mg/kg or more Hg : 5 mg/kg or more Sb : 5 mg/kg or more Se : 5 mg/kg or more 4.1.2 : Pb : 10 mg/kg or more Cd : 10 mg/kg or more 4.1.3 : DBP : 50 mg/kg or more BBP : 50 mg/kg or more DEHP : 50 mg/kg or more DNOP : 50 mg/kg or more DINP: 50 mg/kg or more DIDP : 50 mg/kg or more DIBP : 50 mg/kg or more 4.1.4 : 0.003 mg/kg or more 4.1.5 : 20 mg/kg or more 4.1.6 : each 5 mg/kg or more 4.1.7 : 2 ~ 13	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MOTIE Notice No.2022-221(12.14.2022.)	Baby products	Safety Confirmation Safety Standard Annex 11 School things 5.2 Migration of certain elements 5.3 Determination of lead and cadmium 5.4 Determination of phthalates 5.7 Formaldehyde 5.7.1 Ink(Marking pens) 5.7.2 Glue 5.9 pH(Liquid glue) 5.10 N-nitrosamines and N-nitrosatable substance	5.2 : Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more Ba : 5 mg/kg or more As : 2 mg/kg or more Hg : 5 mg/kg or more Sb : 5 mg/kg or more Se : 5 mg/kg or more 5.3 : Pb : 10 mg/kg or more Cd : 10 mg/kg or more 5.4 : DBP : 50 mg/kg or more BBP : 50 mg/kg or more DEHP : 50 mg/kg or more DNOP : 50 mg/kg or more DINP: 50 mg/kg or more DIDP : 50 mg/kg or more DIBP : 50 mg/kg or more 5.7.1 : 20 mg/kg or more 5.7.2 : 50 mg/kg or more 5.9 : 2 ~ 13 5.10 : 0.003 mg/kg or more	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MOTIE Notice No.2022-221(12.14.2022.)	Baby products	Safety Confirmation Safety Standard Annex 6 Toys Part 4. Hazardous chemical materials 4.1 Migration of certain elements Part 4. Hazardous chemical materials 4.2 Lead Part 4. Hazardous chemical materials 4.3 Cadmium Part 4. Hazardous chemical materials 4.4 Nickel release Part 4. Hazardous chemical materials 4.5 Determination of phthalates Part 4. Hazardous chemical materials 4.6 N-nitrosamines and N-nitrosatable substance Part 7. Finger paints 5.2 Colourant Part 7. Finger paints 5.3 Migration of certain elements Part 7. Finger paints 5.4 Primary aromatic amines Part 7. Finger paints5.5 pH Part 10. Organic chemical compounds-analytical method 5.2 Flame retardants Part 10. Organic chemical compounds-analytical method 5.3 Colourants Part 10. Organic chemical compounds-analytical method 5.4 Primary aromatic amines Part 10. Organic chemical compounds-analytical method 5.5 Monomers and solvents Part 10. Organic chemical compounds-analytical method 5.6 Wood preservatives Part 10. Organic chemical compounds-analytical method 5.7 Preservatives	Part4 4.1 Al : 50 mg/kg or more Sb : 2 mg/kg or more As : 0.5 mg/kg or more Ba : 50 mg/kg or more B : 50 mg/kg or more Cd : 0.3 mg/kg or more Cr : 0.005 mg/kg or more Cr(III) : 0.2 mg/kg or more Cr(VI) : 0.005 mg/kg or more Co : 2 mg/kg or more Cu : 50 mg/kg or more Pb : 0.5 mg/kg or more Mn : 50 mg/kg or more Hg : 0.5 mg/kg or more Ni : 10 mg/kg or more Se : 5 mg/kg or more Sr : 50 mg/kg or more Sn : 0.08 mg/kg or more Zn : 50 mg/kg or more [Organic Tin] MeT : 0.1 mg/kg or more MBT : 0.1 mg/kg or more DBT : 0.1 mg/kg or more TBT : 0.1 mg/kg or more TeBT : 0.1 mg/kg or more MOT : 0.1 mg/kg or more DOT : 0.1 mg/kg or more DProT : 0.1 mg/kg or more DPhT : 0.1 mg/kg or more TPhT : 0.1 mg/kg or more 4.2 10 mg/kg or more 4.3 10 mg/kg or more 4.4 0.05 ㎍/㎠/week or more 4.5	BS	N

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
		Part 10. Organic chemical compounds-analytical method 5.8 Plasticisers Part 10. Organic chemical compounds-analytical method 5.9 Ethyl acetate, Methanol Part 10. Organic chemical compounds-analytical method Annex A (informative) Volatile solvents Part 10. Organic chemical compounds-analytical method Annex D (informative) adhesives - Formaldehyde Part 12. N-nitrosamines and N-nitrosatable substance	DBP : 50 mg/kg or more BBP : 50 mg/kg or more DEHP : 50 mg/kg or more DNOP : 50 mg/kg or more DINP: 50 mg/kg or more DIDP : 50 mg/kg or more DIBP : 50 mg/kg or more 4.6 [N-nitrosamines :] N-nitrosodimethylamine : 0.01 mg/kg or more N-nitrosodiethylamine : 0.01 mg/kg or more N-nitrosodi-n-propylamine : 0.01 mg/kg or more N-nitrosodi-n-buthylamine : 0.01 mg/kg or more N-nitrosopiperidine : 0.01 mg/kg or more N-nitrosopyrrolidine : 0.01 mg/kg or more N-nitrosomorpholine : 0.01 mg/kg or more [N-nitrosatable substance] N-nitrosodimethylamine : 0.013 mg/kg or more N-nitrosodiethylamine : 0.013 mg/kg or more N-nitrosodi-n-propylamine : 0.013 mg/kg or more N-nitrosodi-n-buthylamine : 0.013 mg/kg or more N-nitrosopiperidine : 0.013 mg/kg or more N-nitrosopyrrolidine : 0.013 mg/kg or more N-nitrosomorpholine : 0.013 mg/kg or more Part7 5.2 Benzidine : 5 mg/kg or more 2-Naphthylamine : 5 mg/kg or more 4-Chloro-2-methyl-		

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
			aniline : 5 mg/kg or more 4-Aminobiphenyl : 5 mg/kg or more o-Aminoazotoluene : 5 mg/kg or more 2-Amino-4-nitro-toluene : 5 mg/kg or more 4-chloroaniline : 5 mg/kg or more 2,4-Diaminoanisole : 5 mg/kg or more 4,4'-Diaminodiphenyl methane : 5 mg/kg or more 3,3'-Dichlorobenzidine : 5 mg/kg or more 3,3'-Dimethoxybenzidine : 5 mg/kg or more 3,3'-Dimethylbenzidine : 5 mg/kg or more 3,3'-Dimethyl-4,4'-diaminodi phenylmethane : 5 mg/kg or more p-Cresidine : 5 mg/kg or more 2,2'-Dichloro-4,4'-methylene dianiline : 5 mg/kg or more 4,4'-Oxydianiline : 5 mg/kg or more 4,4'-Thiodianiline : 5 mg/kg or more o-Toluidine : 5 mg/kg or more 2,4-Xylidine : 5 mg/kg or more 2,6-Xylidine : 5 mg/kg or more 4-Amino-3-Fluorophenol : 5 mg/kg or more 6-Amino -2-ethoxynaph thalene : 5 mg/kg or more 2-Methoxyaniline : 5 mg/kg or more 4-Aminoazobenzene : 5 mg/kg or more 4-Methyl-m-phenylene diamine : 5 mg/kg or more 2,4,5-Trimethylaniline : 5 mg/kg or more		

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
			5.3 Pb : 5 mg/kg or more Cd : 5 mg/kg or more Cr : 5 mg/kg or more Ba : 5 mg/kg or more As : 2 mg/kg or more Hg : 5 mg/kg or more Sb : 5 mg/kg or more Se : 5 mg/kg or more 5.4 Benzidine : 5 mg/kg or more 2-Naphthylamine : 5 mg/kg or more 4-Chloro-2-methyl-aniline : 5 mg/kg or more 4-Aminobiphenyl : 5 mg/kg or more o-Aminoazotoluene : 5 mg/kg or more 2-Amino-4-nitro-toluene : 5 mg/kg or more 4-chloroaniline : 5 mg/kg or more 2,4-Diaminoanisole : 5 mg/kg or more 4,4'-Diaminodiphenyl methane : 5 mg/kg or more 3,3'-Dichlorobenzidine : 5 mg/kg or more 3,3'-Dimethoxybenzidine : 5 mg/kg or more 3,3'-Dimethylbenzidine : 5 mg/kg or more 3,3'-Dimethyl-4,4'-diaminodi phenylmethane : 5 mg/kg or more p-Cresidine : 5 mg/kg or more 2,2'-Dichloro-4,4'-methylene dianiline : 5 mg/kg or more 4,4'-Oxydianiline : 5 mg/kg or more 4,4'-Thiodianiline : 5 mg/kg or more o-Toluidine : 5 mg/kg or more 2,4-Xylidine : 5 mg/kg or more 2,6-Xylidine : 5 mg/kg		

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
			or more 4-Amino-3-Fluorophenol : 5 mg/kg or more 6-Amino-2-ethoxynaphthalene : 5 mg/kg or more 2-Methoxyaniline : 5 mg/kg or more 4-Aminoazobenzene : 5 mg/kg or more 4-Methyl-m-phenylene diamine : 5 mg/kg or more 2,4,5-Trimethylaniline : 5 mg/kg or more 5.5 2 ~ 13 Part10 5.2 PBDE : 100 mg/kg or more OBDE : 100 mg/kg or more Tri-o-cresyl phosphate : 5 mg/kg or more Tris(2-chloroethyl)phosphate : 5 mg/kg or more Tris(2-chloro-1-methylethyl) phosphate : 1 mg/kg or more Tris(1,3-dichloro-2-propyl) phosphate : 1mg/kg or more 5.3 Disperse Blue 1 : 5 mg/kg or more Disperse Blue 3 : 5 mg/kg or more Disperese Blue 106 : 5 mg/kg or more Disperse Blue 124 : 5 mg/kg or more Disperse Yellow 3 : 5 mg/kg or more Disperse Orange 3 : 5 mg/kg or more Disperse Orange 37/76 : 5 mg/kg or more Disperse Red 1 : 5 mg/kg or more Solvent Yellow 1 : 5 mg/kg or more Solvent Yellow 2 : 5		

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
			mg/kg or more Solvent Yellow 3 : 5 mg/kg or more Basic Red 9 : 5 mg/kg or more Basic Violet 1 : 5 mg/kg or more Basic Violet 3 : 5 mg/kg or more Acid Red 26 : 5 mg/kg or more Acid Viloet 49 : 5 mg/kg or more 5.4 o-Toluidine : 5 mg/kg or more 2-Methoxyaniline : 5 mg/kg or more 4-Chloroaniline : 5 mg/kg or more 2-Naphthylamine : 5 mg/kg or more Benzidine : 5 mg/kg or more Aniline : 5 mg/kg or more 3,3`-Dimethylbenzidine : 5 mg/kg or more 3,3`-Dichlorobenzidine : 5 mg/kg or more 3,3`-Dimethoxybenzidine : 5 mg/kg or more 5.5 Acrylamide : 0.02 mg/L or more Bisphenol A : 0.01 mg/L or more Formaldehyde : 1 mg/L or more Phenol : 1 mg/L or more Styrene : 0.01 mg/L or more Trichloroethylene : 0.01 mg/L or more Dichloromethane : 0.01 mg/L or more 2-Methoxyethyl acetate : 0.05 mg/L or more 2-Ethoxyethanol : 0.05 mg/L or more 2-Ethoxyethyl acetate : 0.05 mg/L or more Bis(2-methoxyethyl) ether : 0.05 mg/L or		

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
			more 2-Methoxypropyl acetate : 0.05 mg/L or more Methanol : 0.4 mg/L or more Nitrobenzene : 0.02 mg/L or more Cyclohexanone : 0.15 mg/L or more 3,5,5-Trimethyl-2-cyclo hexene-1-one : 0.3 mg/L or more Toluene : 0.15 mg/L or more Ethylbenzene : 0.1 mg/L or more Xylene(o-, m-, p-) : 0.1 mg/L or more 5.6 2,4-Dichloropheol : 2 mg/kg or more 2,4,6-Trichlorophenol : 2 mg/kg or more 2,4,5-Trichlorophenol : 2 mg/kg or more 2,3,4,6-Tetrachlorophenol : 1 mg/kg or more Pentachlorophenol : 1 mg/kg or more Lindane : 1 mg/kg or more Cyfluthrin : 10 mg/kg or more Cypermethrin : 10 mg/kg or more Deltamethrin : 10 mg/kg or more Permethrin : 10 mg/kg or more 5.7 Phenol : 7.5 mg/kg or more 1,2-Benzylisothiazolin-3-one : 2.5 mg/kg or more 2-Methyl-4-isothiazolin-3-one : 0.25 mg/kg or more 5-Chloro-2-methyl-4-iso thiazolin-3-one : 0.75 mg/kg or more 5-Chloro-2-methyl-4-		

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
			iso thiazolin-3-one + 2-methyl-4-isothiazolin-3-one : 1 mg/kg or more Formaldehyde (free) : 0.01 % or more 5.8 Triphenyl phosphate : 0.03 mg/L or more Tri-o-cresyl phosphate : 0.03 mg/L or more Tri-m-cresyl phosphate : 0.03 mg/L or more Tri-p-cresyl phosphate : 0.03 mg/L or more 5.9 Ethyl acetate : 5 mg/kg or more Methanol : 5 mg/kg or more Annex A (informative) Volatile solvents Toluene : 100 μg/㎥ or more Ethylbenzene : 2 500 μg/㎥ or more Xylene(o-, m-, p-) : 500 μg/㎥ or more 1,3,5-Trimethylbenzne (mesitylene) : 1 500 μg/㎥ or more Trichloroethylene : 30 μg/㎥ or more Dichloromethane : 1 500 μg/㎥ or more n-Hexane : 1 000 μg/㎥ or more Nitrobenzene : 30 μg/㎥ or more Cyclohexanone : 50 μg/㎥ or more 3,5,5-Trimethyl-2-cyclo hexene-1-one : 100 μg/㎥ or more Annex D (informative) adhesives - Formaldehyde 50 mg/kg or more or 0.005% or more Part 12. [N-nitrosamines] N-nitrosodimethylamine :		

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
			0.01 mg/kg or more N-nitrosodiethylamine : 0.01 mg/kg or more N-nitrosodi-n-propylamine : 0.01 mg/kg or more N-nitrosodi-n-buthylamine : 0.01 mg/kg or more N-nitrosopiperidine : 0.01 mg/kg or more N-nitrosopyrrolidine : 0.01 mg/kg or more N-nitrosomorpholine : 0.01 mg/kg or more [N-nitrosatable substance] N-nitrosodimethylamine : 0.013 mg/kg or more N-nitrosodiethylamine : 0.013 mg/kg or more N-nitrosodi-n-propylamine : 0.013 mg/kg or more N-nitrosodi-n-buthylamine : 0.013 mg/kg or more N-nitrosopiperidine : 0.013 mg/kg or more N-nitrosopyrrolidine : 0.013 mg/kg or more N-nitrosomorpholine : 0.013 mg/kg or more		

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02. Chemical Testing

02.035 Other daily necessities

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
KATS Notice No.2018-194(06.29.2018.)	Other daily necessities	Supplier's conformity Safety Standard Annex 11 False eyelashes 5.1 Test methods for quantitative analysis of fiber mixtures of textiles 5.3 Hazardous substances 5.3.1 Determination of arylamine(23 amines) 5.3.2 Determination of selected organotin compounds in textiles - DBT - TBT 5.3.3 Determination of formaldehyd 5.3.4 Determination of extractable heavy metals (Pb, As) in textiles - Pb - As	5.1 : (0.1 ~ 100) % 5.3.1 : each 5 mg/kg or more 5.3.2 : - DBT : 0.1 mg/kg or more - TBT : 0.1 mg/kg or more 5.3.3 : 16 mg/kg or more 5.3.4 : - 0.1 mg/kg or more - 0.1 mg/kg or more	BS	N

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03. Electrical Testing

03.013 Energy Efficiency

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
KS C 9314:2019	Electrical machinery for households	Air cleaners 12.19 Fine dust removal rate test 12.20 Calculation of Standard Effective Area	Fine dust removal rate : 26 ㎥/min or less Area : 200 ㎡ or less	BS	N
MOTIE Notice No.2022-064(04.27.2022.)	Electrical machinery for households	Regulations on Equipment and Materials/Machinery for Management of Efficiency 13. Air Purifiers	Area : 200 ㎡ or less Voltage : AC 220 V Frequency : 60 Hz	BS	N

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03. Electrical Testing

03.014 Environmental and Reliability

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
IEC 60068-2-11:2021	Automobiles and related products Railroad vehicles and related products Electric cords, cables and circuits Electrical machinery for industries Electrical machinery for households	Environmental testing - Part 2-11: Tests - Test Ka: Salt mist	Temperature: 35 ℃ Salt Concentration: (5 ± 1) % NaCl pH: 6.5 ~ 7.2	BS	N
IEC 60068-2-14:2009	Automobiles and related products Railroad vehicles and related products Electric cords, cables and circuits Electrical machinery for industries Electrical machinery for households	Environmental testing - Part 2-14: Tests - Test N: Change of temperature [Exception] 9 Test Nc: Rapid change of temperature, two-fluid-bath method	Temperature: (-65 ~ 175) ℃	BS	N
IEC 60068-2-1:2007	Automobiles and related products Railroad vehicles and related products Electric cords, cables and circuits Electrical machinery for industries Electrical machinery for households	Environmental testing - Part 2-1: Tests - Test A: Cold [Exception] Test Ad, Ae	Temperature: (-65 ~ 5) ℃	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
IEC 60068-2-2:2007	Automobiles and related products Railroad vehicles and related products Electric cords, cables and circuits Electrical machinery for industries Electrical machinery for households	Environmental testing - Part 2-2: Tests - Test B: Dry heat [Exception] Test Bd, Be	Temperature: (30 ~ 175) ℃	BS	N
IEC 60068-2-30:2005	Automobiles and related products Railroad vehicles and related products Electric cords, cables and circuits Electrical machinery for industries Electrical machinery for households	Environmental testing - Part 2-30: Tests - Test Db: Damp heat, cyclic (12 h + 12 h cycle)	Temperature: (25 ~ 55) ℃ Humidity: (45 ~ 95) % R.H.	BS	N
IEC 60068-2-38:2021	Automobiles and related products Railroad vehicles and related products Electric cords, cables and circuits Electrical machinery for industries Electrical machinery for households	Environmental testing - Part 2-38: Tests - Test Z/AD: Composite temperature/humidity cyclic test	Temperature: (-10 ~ 65) ℃ Humidity: (5 ~ 95) % R.H.	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
IEC 60068-2-52:2017	Automobiles and related products Railroad vehicles and related products Electric cords, cables and circuits Electrical machinery for industries Electrical machinery for households	Environmental testing - Part 2-52: Tests - Test Kb: Salt mist, cyclic (sodium chloride solution) [Exception] 9.4.9 Test method 8	Temperature: 35 ℃ Salt Concentration: (5 ± 1) % NaCl pH: 6.5 ~ 7.2 Temperature/Humidity: 23 ℃/(45 ~ 55) % R.H. 40 ℃/(90 ~ 95) % R.H. 50 ℃/Over 95 % R.H. 60 ℃/Under 30 % R.H.	BS	N
IEC 60068-2-78:2012	Automobiles and related products Railroad vehicles and related products Electric cords, cables and circuits Electrical machinery for industries Electrical machinery for households	Environmental testing - Part 2-78: Tests - Test Cab: Damp heat, steady state	Temperature/Humidity: 30 ℃/93 % R.H. 30 ℃/85 % R.H. 40 ℃/93 % R.H. 40 ℃/85 % R.H.	BS	N
ISO 16750-4:2010	Automobiles and related products	Road vehicles - Environmental conditions and testing for electrical and electronic equipment - Part 4: Climatic loads [Exception] 5.4 Ice water shock test 5.8 Corrosion test with flow of mixed gas 5.9 Solar radiation	Temperature: (-40 ~ 160) ℃ Humidity: (5 ~ 95) % R.H. Salt Concentration: (5 ± 1) % NaCl pH: 6.5 ~ 7.2	BS	N
ISO 20653:2013	Automobiles and related products	Road vehicles - Degrees of protection (IP code) - Protection of electrical equipment against foreign objects, water and access	IP5KX, IP6KX, IPX9K	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
KS C IEC 60068-2-11:2021	Automobiles and related products Railroad vehicles and related products Electric cords, cables and circuits Electrical machinery for industries Electrical machinery for households	Environmental testing - Part 2-11: Tests - Test Ka: Salt mist	Temperature: 35 ℃ Salt Concentration: (5 ± 1) % NaCl pH: 6.5 ~ 7.2	BS	N
KS C IEC 60068-2-14:2009	Automobiles and related products Railroad vehicles and related products Electric cords, cables and circuits Electrical machinery for industries Electrical machinery for households	Environmental testing - Part 2-14: Tests - Test N: Change of temperature [Exception] 9 Test Nc: Rapid change of temperature, two-fluid-bath method	Temperature: (-65 ~ 175) ℃	BS	N
KS C IEC 60068-2-1:2007	Automobiles and related products Railroad vehicles and related products Electric cords, cables and circuits Electrical machinery for industries Electrical machinery for households	Environmental testing - Part 2-1: Tests - Test A: Cold [Exception] Test Ad, Ae	Temperature: (-65 ~ 5) ℃	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
KS C IEC 60068-2-2:2007	Automobiles and related products Railroad vehicles and related products Electric cords, cables and circuits Electrical machinery for industries Electrical machinery for households	Environmental testing - Part 2-2: Tests - Test B: Dry heat [Exception] Test Bd, Be	Temperature: (30 ~ 175) ℃	BS	N
KS C IEC 60068-2-30:2005	Automobiles and related products Railroad vehicles and related products Electric cords, cables and circuits Electrical machinery for industries Electrical machinery for households	Environmental testing - Part 2-30: Tests - Test Db: Damp heat, cyclic (12 h + 12 h cycle)	Temperature: (25 ~ 55) ℃ Humidity: (45 ~ 95) % R.H.	BS	N
KS C IEC 60068-2-38:2008	Automobiles and related products Railroad vehicles and related products Electric cords, cables and circuits Electrical machinery for industries Electrical machinery for households	Environmental testing - Part 2-38: Tests - Test Z/AD: Composite temperature/humidity cyclic test	Temperature: (-10 ~ 65) ℃ Humidity: (5 ~ 95) % R.H.	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
KS C IEC 60068-2-52:2017	Automobiles and related products Railroad vehicles and related products Electric cords, cables and circuits Electrical machinery for industries Electrical machinery for households	Environmental testing - Part 2-52: Tests - Test Kb: Salt mist, cyclic (sodium chloride solution) [Exception] 9.4.9 Test method 8	Temperature: 35 ℃ Salt Concentration: (5 ± 1) % NaCl pH: 6.5 ~ 7.2 Temperature/Humidity: 23 ℃/(45 ~ 55) % R.H. 40 ℃/(90 ~ 95) % R.H. 50 ℃/Over 95 % R.H. 60 ℃/Under 30 % R.H.	BS	N
KS C IEC 60068-2-78:2012	Automobiles and related products Railroad vehicles and related products Electric cords, cables and circuits Electrical machinery for industries Electrical machinery for households	Environmental testing - Part 2-78: Tests - Test Cab: Damp heat, steady state	Temperature/Humidity: 30 ℃/93 % R.H. 30 ℃/85 % R.H. 40 ℃/93 % R.H. 40 ℃/85 % R.H.	BS	N
KS D 9502:2020	Automobiles and related products Railroad vehicles and related products Electric cords, cables and circuits Electrical machinery for industries Electrical machinery for households	Neutral, acetic acid and copper-accelerated acetic acid salt spray [Exception] 11.2 Acetic acid salt spray test 11.3 copper-accelerated acetic acid salt spray	Temperature: 35 ℃ Salt Concentration: (5 ± 1) % NaCl pH: 6.5 ~ 7.2	BS	N
KS R 9191:1996	Railroad vehicles and related products	High and low temperature testing methods for parts of rail way signaling	Temperature: (-30 ~ 60) ℃	BS	N
KS R 9192:1996	Railroad vehicles and related products	Change of temperature testing method for parts of rail way signaling	Temperature: (-30 ~ 60) ℃	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
MIL-STD-810C:1975	Military Aviation and space related products	ENVIRONMENTAL TEST METHODS 501.1 High Temperature 502.1 Low Temperature 507.1 Humidity 509.1 Salt Fog	Temperature: (-65 ~ 175) ℃ Humidity: (5 ~ 95) % Temperature: 35 ℃ Salt Concentration: (5 ± 1) % NaCl pH: 6.5 ~ 7.2	BS	N
MIL-STD-810F:2000	Military Aviation and space related products	ENVIRONMENTAL ENGINEERING CONSIDERATIONS AND LABORATORY TESTS 501.4 High Temperature 502.4 Low Temperature 507.4 Humidity 509.4 Salt Fog	Temperature: (-65 ~ 175) ℃ Humidity: (5 ~ 95) % Temperature: 35 ℃ Salt Concentration: (5 ± 1) % NaCl pH: 6.5 ~ 7.2	BS	N
MIL-STD-810F:2003	Military Aviation and space related products	ENVIRONMENTAL ENGINEERING CONSIDERATIONS AND LABORATORY TESTS 501.4 High Temperature 502.4 Low Temperature 507.4 Humidity 509.4 Salt Fog	Temperature: (-65 ~ 175) ℃ Humidity: (5 ~ 95) % Temperature: 35 ℃ Salt Concentration: (5 ± 1) % NaCl pH: 6.5 ~ 7.2	BS	N
MIL-STD-810G:2008	Military Aviation and space related products	ENVIRONMENTAL ENGINEERING CONSIDERATIONS AND LABORATORY TESTS 501.5 High Temperature 502.5 Low Temperature 507.5 Humidity 509.5 Salt Fog	Temperature: (-65 ~ 175) ℃ Humidity: (5 ~ 95) % Temperature: 35 ℃ Salt Concentration: (5 ± 1) % NaCl pH: 6.5 ~ 7.2	BS	N
MIL-STD-810G:2014	Military Aviation and space related products	ENVIRONMENTAL ENGINEERING CONSIDERATIONS AND LABORATORY TESTS 501.6 High Temperature 502.6 Low Temperature 507.6 Humidity 509.6 Salt Fog	Temperature: (-65 ~ 175) ℃ Humidity: (5 ~ 95) % Temperature: 35 ℃ Salt Concentration: (5 ± 1) % NaCl pH: 6.5 ~ 7.2	BS	N
MIL-STD-810H:2019	Military Aviation and space related products	ENVIRONMENTAL ENGINEERING CONSIDERATIONS AND LABORATORY TESTS 501.7 High Temperature 502.7 Low Temperature 507.6 Humidity 509.7 Salt Fog	Temperature: (-65 ~ 175) ℃ Humidity: (5 ~ 95) % Temperature: 35 ℃ Salt Concentration: (5 ± 1) % NaCl pH: 6.5 ~ 7.2	BS	N

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Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
RTCA DO-160G:2010	Military Aviation and space related products	Environmental Conditions and Test Procedures for Airborne Equipment Section 4 Temperature and Altitude Section 6 Humidity Section 14 Salt Fog [Exception] 4.6.1 Altitude Test 4.6.2 Decompression Test 4.6.3 Overpressure Test	Temperature: (-65 ~ 175) ℃ Humidity: (5 ~ 95) % Temperature: 35 ℃ Salt Concentration: (5 ± 1) % NaCl pH: 6.5 ~ 7.2	BS	N

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09. Biological Testing

09.002 Microorganisms

Test method	Materials/ Products	Standard designation	Test range	Site	Field testing
AATCC TM100-2019	Microorganisms	Test Method for Antibacterial Finishes on Textile Materials: Assessment of	100 CFU/sample or more	BS	N
AATCC TM147-2011(2016)e	Microorganisms	Test Method for Antibacterial Activity of Textile Materials: Parallel Streak	0.5 mm or more	BS	N
AATCC TM174-2011(2016)e	Microorganisms	Test Method for Antimicrobial Activity Assessment of New Carpets	0.5 mm or more, 100 CFU/specimen or more, (0 ~ 2) score	BS	N
AATCC TM30-2017e	Microorganisms	Test Method for Antifungal Activity, Assessment on Textile Materials: Mildew and Rot Resistance of Textile Materials Test II Agar Plate, *Chaetomium globosum* Test III Agar Plate, *Aspergillus niger*	Visual assessment	BS	N
JIS L 1902:2015	Microorganisms	Textiles-Determination of antibacterial activity and efficacy of textile products 8 Test Procedures 8.1 Absorption method 8.2 Transfer method 8.4 Halo method	20 CFU/mL or more 0.5 mm or more	BS	N
KS K 0693:2016	Microorganisms	Test method for antibacterial activity of textile materials	20 CFU/mL or more	BS	N

End.