

1.

1974 4 20 4 23 3

, MAKER ,

15 MAKER 38 가 KS

	()		
	3	1~3	
Viscose Rayon	22	4~25	
	5	26~30	
Polyester Filament	6	31~34	
Polyester	1	35	
	1	36	

2.

1974 5 1 ~1974 5 30

3.

KSK 1200()

(
:), Krinpel factor(: JIS L1078),
(KSK 0417) 가 .

4.

KSK 1200(), KSK 3603(), KSK 3602(
), KSK 1205() (Viscose Rayon
KS KSK 1200)
38
가 10
가 .
14 4
, 12
. 38 (,)
18 . 13
5 ,

1) Viscose Rayon

25 10% 2
(14,19) . 9 2 (
3, 16) +6%, -2% 가 7
. 2 (7, 25) 30% .
3 2 (1, 2)

Viscose Rayon 22

25 4 3
가
. 2
18 2
10 8 가 가
. , TPI CV%,
CV% 2 , 1
5 .

2)

5 1 (28)
% -18.8%
. 4 %가
6.3% .
1 (2) 3.4 /1000m

CV 1 (30) 540g 9.5%

.

TPI, TPICV%,

.

4 2 5

.

2 (27, 28) 4 3

.

3)

6 가

% 1 (34) 14.4% .

4

2 (31, 33) 2

1 37.3% .

4 1 (32) .

2 (32, 33) 2 (31, 34)

.

CV, TPICV, 4

가 4 3 1

(31) 14.5 .

5.

35 Polyester 65%/cotton 35% Viscose Rayon 100%

가 . %,

, CV%, TPI CV%, 가 842.3g

(900g) 가 21.0

36 가

49.9 가 2

, CV%, TPICV%

						(m)
	1	A	White		23's/4	
	2		Black	"	"	
	3	B	N. Blue	"	30's/3	1,500
Viscose Rayon	4	C	White	"	40's/2	
	5	D	"	"	"	
	6	E	"	100% Viscose	38's/2	3,000
	7	F	Black		40's/2	6,500
	8	A	White	"	"	
	9	G	Black	"	"	5,700
	10	B	Blue	"	"	
	11	B	White	"	"	
	12	B	"	"	40's/3	5,000
	13	H	Black	"	"	
	14	I	Blue	Cotton	"	5,000
	15	H	White		"	
	16	B	Brown	"	"	3,000
	17	B	Red	"	"	
	18	B	L. Clive	"	40's/4	
	19	B	White	100% Nylon	40's/6	
	20	J	Green	100% Viscose Rayon	58's/3	4,550

	21	K	Pale Blue	100% Viscose	60's/3	
	22	B	Yellow		"	
	23	B	Black	"	"	
	24	B	Purple	"	"	
	25	L	Pink	"	"	4,572(5,000yd)
Nylon Filament	26		Coral Pink	"	70 D/3	
	27	"	Black	"	210 D2	
	28	"	White	Nylon 100%	210 D/3	2,000
	29	"	Black		Filament 4	
	30	"	Pink	Stretch	70 D/2	
Polyester Filament	31	M	Gray	100% Polyester	75 D/3	2,000
	32	N	Brown	"	"	700
	33	O	Green	"	"	"
			Black	"		
			White	"		
	34	M	Black	"	150 D/3	2,000
	35	B	Ivory Yellow	100% Viscose Rayon	58's/3	
	36	F	Scarlet	()	75 D/3	

(%)	('S,D)	(%)	(m)	(%)	(g)
100% cotton	24.1's/4	4.78 (± 10%)	490	KS	48.7
"	22.3's/4	-3.04 (")	1,581		158.6
"	32.8's/3	9.33 (")	1,576	5.07(+6 -2%)	77.0
100% Rayon	38.7's/2	-3.25 (")	4,520		141.6
"	38.1's/2	-4.75 (")	1,679		51.9
"	38.4's/2	1.05 (")	2,870	-4.33(")	92.8
"	37.1's/2	-7.25 (")	4,393	-32.42(")	139.5
"	37.6's/2	-6.00 (")	3,916		122.9
"	37.7's/2	-5.75 (")	4,683	-17.84(")	151.5
"	37.1's/2	-7.25 (")	3,718		118.4
"	38.4's/2	-4.00 (")	3,119		93.4
"	37.5's/3	-6.25 (")	4,724	-5.16(")	228.6
"	36.4v3	-9.00 (")	1,531		74.4
"	39.1's/3	-2.25 (")	4,556	-8.88(")	207.7

"	36.3's/3	-9.25 (")	1,361		64.6
"	38.2's/3	-4.5 (")	3,075	2.5(")	144.4
"	37.6's/3	-6.0 (")	2,009		96.2
"	37.6's/4	-6.0 (")	2,299		145.9
"	36.2's/6	-9.5 (")	2,075		200.1
"	56.4's/3	-2.76 (")	4,411	-3.05(")	145.7
100% Rayon	56.6's/3	-5.67 (")	2,555		81.2
"	56.5's/3	-5.83 (")	4,415		134.4
"	58.9's/3	-1.83 (")	4,521		137.1
"	57.1's/3	-4.83 (")	3,402		105.1
"	63.6's/3	6.00 (")	2,795	-38.87(")	84.3
100% Nylon	74.3'D/3	6.14	2,097		52.3
"	223.3'D/2	6.33	2,072		109.1
"	202.8'D/3	-3.34	1,625	-18.75(+9.5 -1.5%)	128.4
"	240.6'D/4	-	1,415		150.6
"	73.1'D/2	4.4			
100% Polyester	80.5'D/3	7.33	2,066	3.3(")	56.6
"	81.8'D/3	9.07	439	-37.29(+10 -20%)	15.2
"	81.4'D/3	8.53	800	14.29(")	21.0
"					
"					
100% Polyester	171.6's/3	14.40	1,904	4.8(")	110.0
F : 65.7 C : 34.3	60.5'D/3	4.31	4,724		139.9
silk	67.1's/	-10.56	53		1.18

(/1,000m)	(g)	(%)	CV(%)	TPI	TPI CV(%)	
0(2)	1,262.1(1,390)	-9.2	5.3(12.5)	11.1	4.7(8.5)	2.1(4.5)
1.9(")	1,336(1,390)	-3.9	8.9(")	11.0	5.1(")	0(")
1.3(")	933.3(800)	16.7	6.2(")	12.5	5.1(")	0(")
0.9(")	663.8(400)	66.0	14.2(")	13.9	6.9(")	0.2(")
0.6(")	628.0(")	57.0	8.8(")	23.6	5.5(")	0.5(")
0.3(")	590.0(")	47.5	9.8(")	24.6	6.8(")	0(")
0.5(")	607.8(")	52.0	8.6(")	24.3	8.1(")	0.5(")
0.5(")	731.5(")	82.9	7.0(")	23.2	5.8(")	0.1(")

0.8(")	607.0(")	51.8	10.4(")	23.1	70(")	0(")
1.3(")	605.8(")	51.5	6.6(")	26.2	7.1(")	0.4(")
0.6(")	648.0(")	62.0	8.1(")	23.5	6.9(")	0(")
0(")	935.8(600)	56.0	6.3(")	16.8	5.5(")	0.4(")
1.3(")	939.0(")	56.5	7.2(")	17.3	6.1(")	0(")
1.8(")	1,051.0(")	75.2	5.5(")	17.6	6.3(")	0.1(")
0.7(")	921.3(")	53.6	8.9(")	16.4	7.0(")	0.2(")
0.3(")	922.8(")	53.8	6.9(")	16.6	4.6(")	0(")
1.5(")	1,177.5(")	96.3	8.1(")	18.8	5.3(")	0(")
0.9(")	1,329.0(800)	66.1	6.2(")	13.7	3.3(")	0(")
0.5(")	1,700.0(1,700)	0	0.7(")	10.1	5.1(")	0.3(")
0.7(")	600.0(530)	13.2	7.9(")	19.2	6.8(")	0(")
0.8(")	754.3(")	42.3	11.8(")	20.8	5.4(")	0(")
0.5(")	697.3(")	31.6	8.2(")	22.1	4.5(")	0.3(")
0.7(")	717.3(")	35.3	8.3(")	19.5	4.0(")	0(")
1.5(")	741.0(")	39.8	6.5(")	23.2	5.0(")	0(")
0(")	629.3(")	18.8	13.3(")	21.9	7.9(")	1.2(")
0(1.5)	1,058.5(950)	11.4	4.7(9)	12.2(25)	3.5(7.5)	0(")
3.4(")	2,390(1,800)	32.8	8.3(")	14.7(")	1.2(")	0(")
1.2(")	3,490(3,000)	16.3	5.2(")	9.5(")	2.2(")	2.8(")
0.7(")	5,000(")		6.1(")	7.1(")	3.3(")	0.4(")
	539.5(630)	-14.4	9.5(")	-	-	-
0(1)	897.5(900)	-0.3	3.9(")	13.0	4.7(7.5)	0(")
4.6(2)	1,084.5(")	20.5	4.8(")	13.1	2.6(")	0(")
1.3(3)	1,066(")	18.4	5.9(")	14.6	5.7(")	0(")
0.5(1)	1,781.8(1,800)	-1.0	4.9(")	13.1	6.3(")	0(")
0.2	842.3(900)		8.1(9.5)	19.9	5.8(7.5)	0.5(")
0	830.8(")		4.7	16.9	4.0	0(")

					(AC,Al)	(AC, Al)
0(5)	()	()	-	-	-	-

0(")	" (")	(")	4(2)	1(2)	4-5 4-5(2)	2 1(2)
0(")	" (")	" (")	2-3(")	1(")	4 4(2)	1 1(2)
0(")	(")	" (")	-	-	-	-
0(")	(")	" (")	-	-	-	-
0(")	(")	" (")	-	-	-	-
0(")	(")	" (")	4(2)	1(2)	4-5 4-5(2)	2 1(2)
0(")	" (")	" (")	4(")	3(")	4-5 4-5(2)	4-5 4-5(2)
0(")	" (")	" (")	4-5(")	1(")	4-5 4-5(2)	1 1(2)
0(")	" (")	" (")	3-4(")	2(")	4-5 4-5(2)	4-5 4-5(2)
0(")	" (")	" (")	-	-	-	-
0(")	(")	" (")	-	-	-	-
0(")	(")	" (")	4(2)	1(2)	4-5 4-5(2)	2-3 2(2)
0(")	" (")	" (")	1-2(")	3-4(")	4 4(2)	1-2 1-2(2)
0(")	" (")	" (")	-	-	-	-
0(")	" (")	(")	4(2)(")	1(2)	4(2)	2-3 2-3(2)
0(")	" (")	(")	4-5(")	4-5(")	4-5 4-5(2)	4-5 4-5(2)
0(")	" (")	" (")	2(")	1(")	3-4 3-4(2)	2-3 2(2)
0(")	(")	" (")	4-5(")	4-5(")	4-5 4-5(2)	4-5 4-5(2)
0(")	(")	" (")	3-4(")	1(")	4 4(2)	2 1-2(2)
0(")	" (")	" (")	3-4(")	3-4(")	4-5 4-5(2)	4-5 4-5(2)
17.4(")	" (")	"	4(")	1(")	4-5 4-5(2)	1-2 1-2(2)
0(")	" (")	"	4-5(")	2-3(")	4-5 4-5(2)	4-5 4-5(2)
0(")	" (")	"	3-4(")	3-4(")	4-5 4-5(2)	4-5 4-5(2)
0(")	" (")	(")	4-5(")	2-3(")	4-5 4-5(2)	4-5 4(2)
0	"	"	4(")	4-5(3)	4 4	4-5 4-5
5.6	"	"	4-5(")	2(")	4-4 4-5	2 1-2
13.1	"	"	1-2(")	1(")	1-5 1-2	4 4
0	"	"	4-5(")	4-5(")	4-2 4-5	4-5 4-5
-	"	"	5(")	5(")	5 5	4-5 4-5
14.5	"		4(")	4-5(")	4 4	4-5 4-5
0	"	"	4-5(")	4-5	4-5 4-5	3-4 3

0	"	"	4-5(")	4-5	4-5 4-5	4-5 4-5
	"	"	4-5(")	4-5	4-5 4-5	4-5 4-5
	"	"	-	-	-	-
0	"	"	4-5(4)	4-5(3)	4-5 4-5	4-5 4-5
21.0	"		4-5	4	4-5 4-5	4-5 4-5
49.9			2	1	4-5 4-5	2 1

) 1. () KS .

, Kringel factor JSIF Report 48(1969.7) Page 43 “krineel

factormeter Snarl ” 4.5 .

2. KS KSK1200(), Nylon Filament KSK3603(),

Polyester Filament KSK3602() Viscose

Rayon KSK1200() .