

(Identification of Textile Fibers)

1.

2.

1) (Microscopic Examination)

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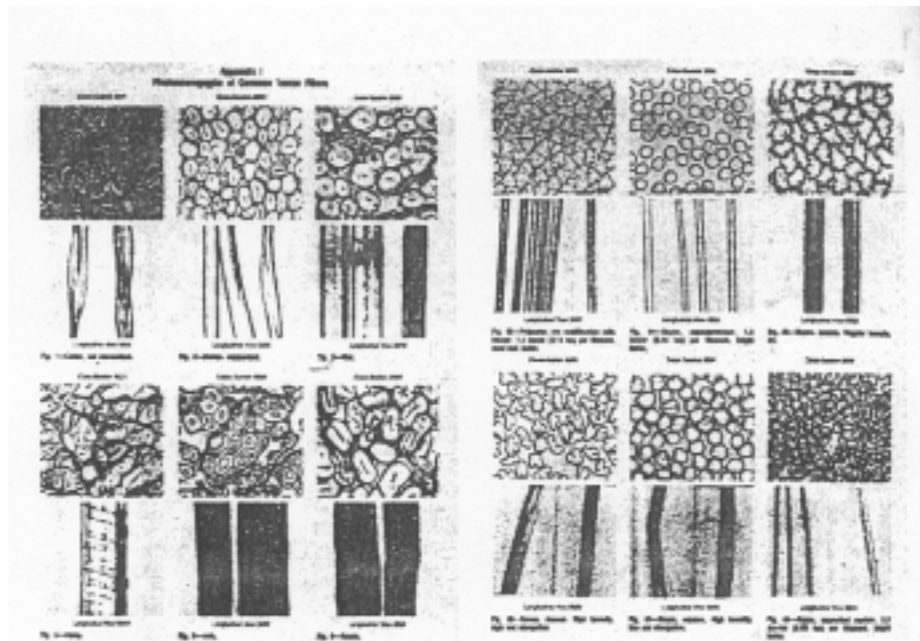
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(Microtome)

20 40 μ m

400 500

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2)

(Burning Test)

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5가

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3) (Solubility Test)

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	100%	20%	59.5 %	70%		90%
	S	I	S	S	I	S
	I	I	I	I*	I	I
	I	I	SS	S	I	I
(Hair)	I	I	I	I	S	I
(Hemp)	I	I	SS	S	I	I
(Linen)	I	I	SS	S	I	I
	S or I*	I	I	I	I	I
	I	S	S	S		S
	I	I	I	I	I	I
	I	I	I	I	I	I
(Ramie)	I	I	SS	S	I	I
	I	I	S	S	I	I
(silk)	I	PS	S	S	S	PS
(wool)	I	I	I	I	S	I

*Depending on type, S : Soluble, PS : Partially soluble, SS : Slightly soluble, I : Insoluble

4) (Density)

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5) (Melting Point Examination)

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(165)

(135)

66(256 265)

6(213 225)

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6)

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7) (Color Test)

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ex)

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100ml 20g) 30

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8) (Stain Test)

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(Shirlastain),

(Bockenstain),

(Dupontstain)

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ex) . (Bockenstain)

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9) (I.R Spectral Examination)

(I.R Spectrophotometer)

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10)

11)

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12)

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