

1.

20 ~ 40

가

가

, 가

가

(United States Department of Agriculture)

US\$ 0.50 ~ US\$ 2.00

(modulus)가

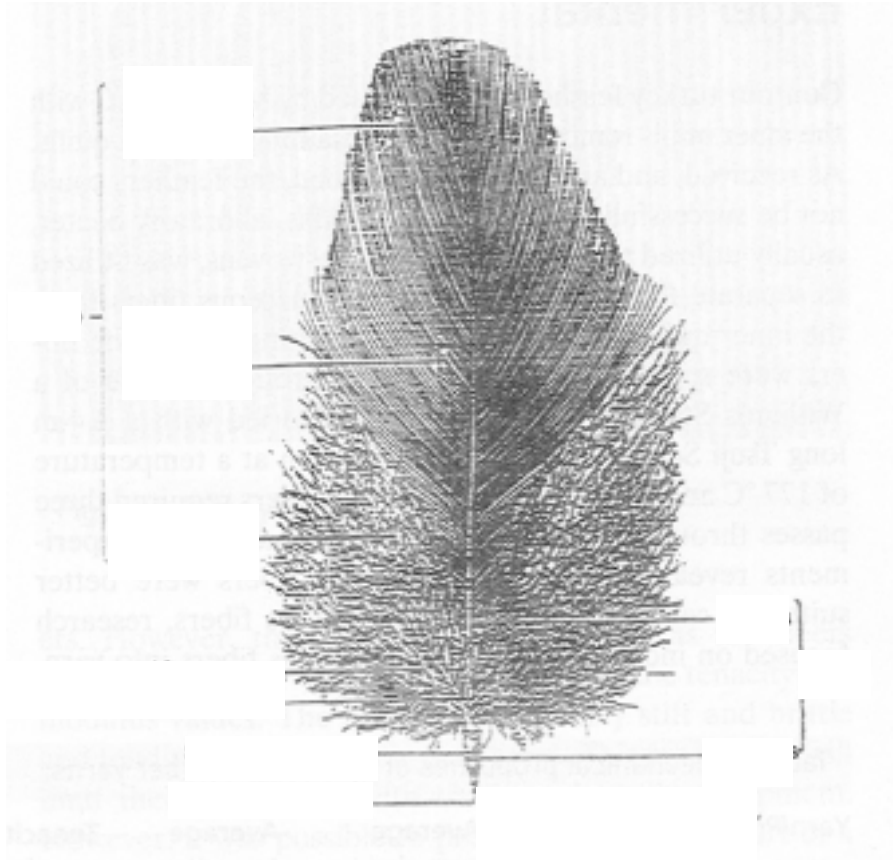
< 1>

3

가 가

1>

가



< 1>

< 1>

	denier (g/9,000m)	(g/den)	(%)	(g/den)
	55.2	0.36	16.40	4.47
	142.0	0.83	7.96	15.60

2.

MaXim LLC

Voith Allis (beater)

. 30

(beating) , Williams Standard (sheet former)

, 2.4 m 177 3 m/min

3

가

4.6 cm 3.8 cm , 142denier 116denier

가

. Waring 1

92denier . 2.0 denier, 2.8 cm

DuPont Type 200 nylon 66

/ 90/10, 80/20, 70/30 Davis&Furber

(roller top card) ,

4.5denier , Rieter

OEM

649 TPM,

36,000 rpm

100%

< 2> /

	(denier)	(g/den)	(%)	(%)	(%)	(g/den)
100%	668	1.82	0.31	36.6	3.36	26.9
/ (90/10)	500	1.79	0.12	33.6	2.60	40.0
/ (80/20)	637	1.42	0.42	32.3	2.70	37.7
/ (70/30)	558	1.69	0.18	33.0	3.60	42.4

, ASTM D

2256

Testometric yarn tester

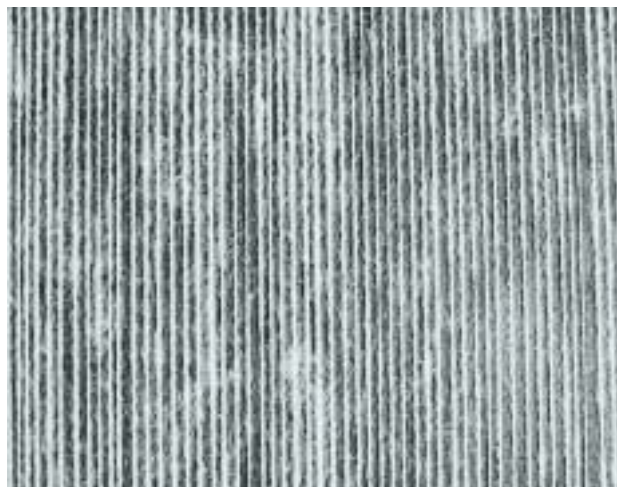
. 15

0

5%

< 2> , < 2 ~ 5>

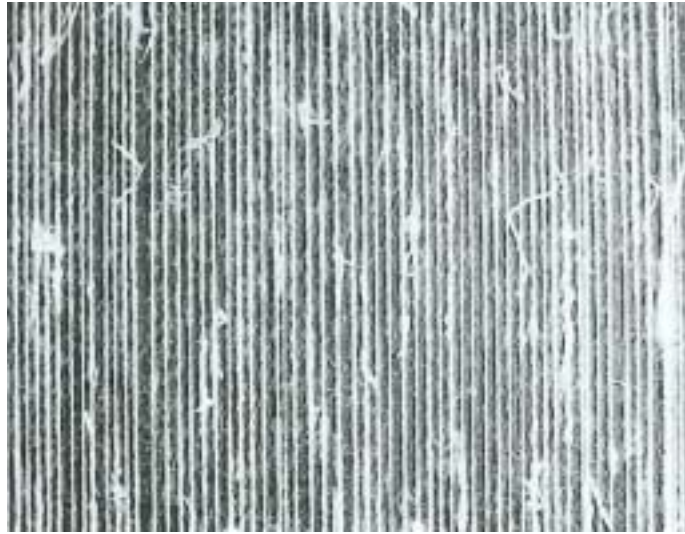
, .
 . Instron model
 1125 1.25cm 10 .
 7.6g/den, 89%, 23.8g/den



< 2> 100%



< 3> / (90/10)



< 4> / (80/20)



< 5> / (70/30)

3.

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가 20%

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가 , , . , 가 . .

4.

가가 . . 가 가 가 . 가 , . 가 가 .