

가

(2)

5.

USTER AFIS

가

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가 가

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가

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가

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5.1

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5>

가

가

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A

21.2mm,

E

23.1mm

.

D

가

.

12.7mm

가

.

< 6>

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가

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A

19.1%

E 10.7%

가

D

A ~ C

가

가

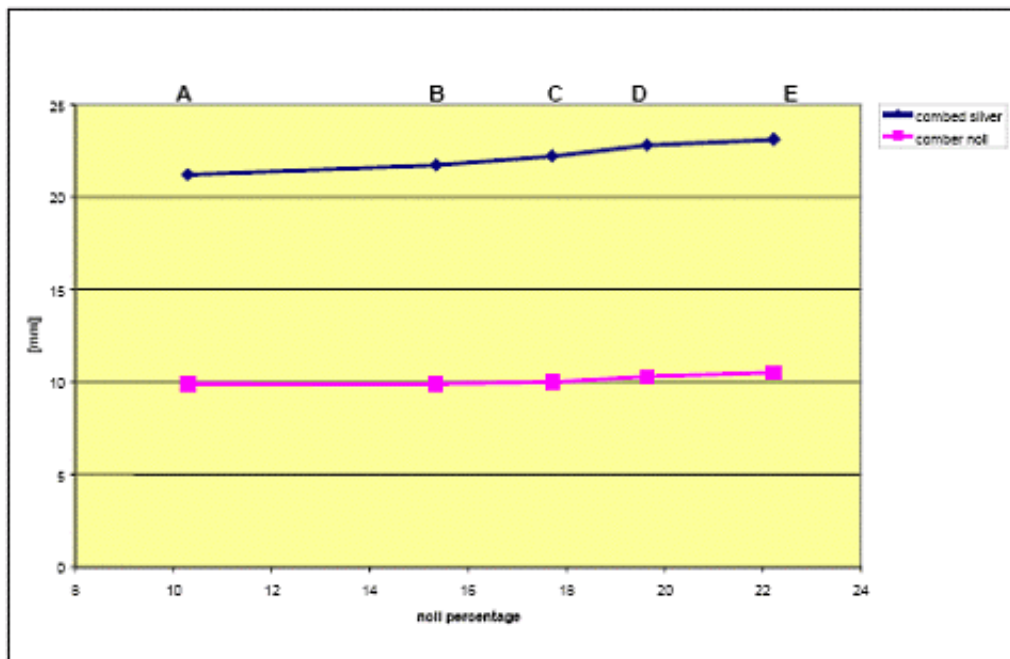
5.2

가

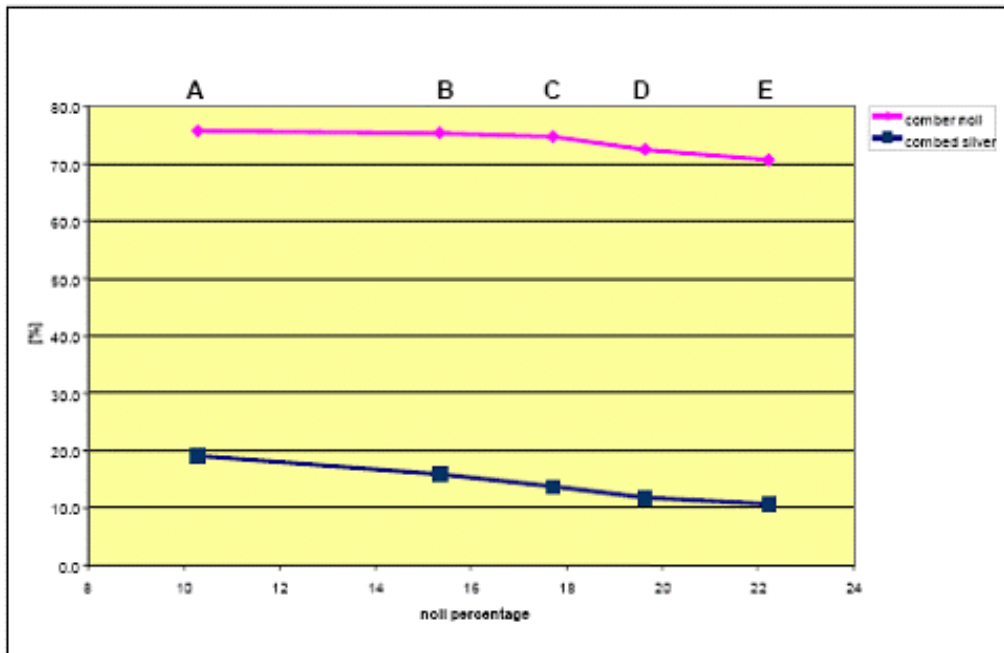
0.9%

가

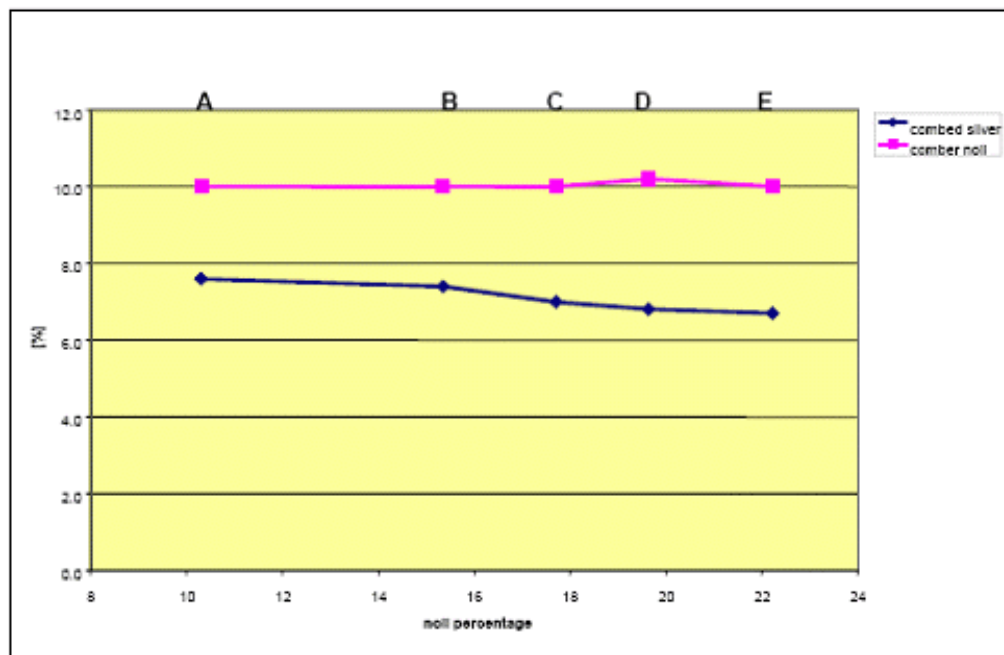
가



< 5> Comparison of the mean fiber lengths



< 6> Comparison of the short fiber content



< 7> Comparison of the Immature Fiber content

6.

20tex 12.5tex

가 < 1> < 2> 가

가

C, D E

1cN/tex 가

D E 25tex

가

Customer ID	CS				OH	OI		Tenacity 5 m/min	
	CV[%]	Thin [-50%]	Thick [+50%]	Neps [+200%]	H	Trash/km	Dust/km	cN/tex	E [%]
A 10.30%	14.11	5	131	251	4.84	5.1	558	16.63	6.60
B 15.35%	13.15	1	51	109	4.75	2.5	315	17.07	6.66
C 17.71%	12.80	1	38	70	4.63	2.2	253	17.14	6.70
D 19.64%	12.69	1	32	63	4.45	1.4	227	17.44	6.72
E 22.22%	12.51	1	26	55	4.39	1.3	186	17.57	6.68

Table 1 Yam count 20 tex

Customer ID	CS				OH	OI		Tenacity 5 m/min	
	CV[%]	Thin [-50%]	Thick [+50%]	Neps [+200%]	H	Trash/km	Dust/km	cN/tex	E [%]
A 10.30%	16.11	33	315	591	4.42	1.6	302	15.42	5.84
B 15.35%	15.19	19	189	370	4.14	2.0	230	15.87	5.95
C 17.71%	14.68	17	122	230	4.07	1.4	161	15.85	6.04
D 19.64%	14.71	16	107	213	4.05	0.8	135	15.98	6.07
E 22.22%	14.35	11	95	189	4.01	0.6	115	16.43	6.10

Table 2 Yam count 12.5 tex

가 가 .

E가 가

C D .

17.71% 가

. D E ,

• 5%

. A B

A

가 .