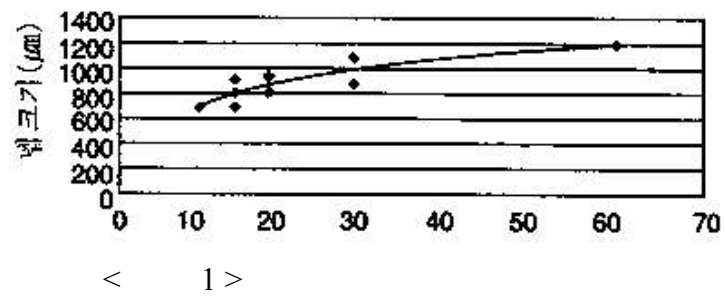


1.

(
) . 1960 가 ,
1,000m 1964 .
가 (trash)
,
.
Watson氏 (biological nep),
가 (seed coat nep)
(mechanical nep) 3 .
AFIS , AFIS
FCT(Fibre Contamination Tester)
. Furter Frey氏
g 100 ,
가 . 100 1,000
g .

2.

. Färber氏 가 Uster tester
가 <
1 > .



Uster tester , 가

g

3.

Institute of Textile Architecture

Uster tester

가 27

. g 89 454 .

(Giza75)

가 가 , 가

(96)

795 856μm .

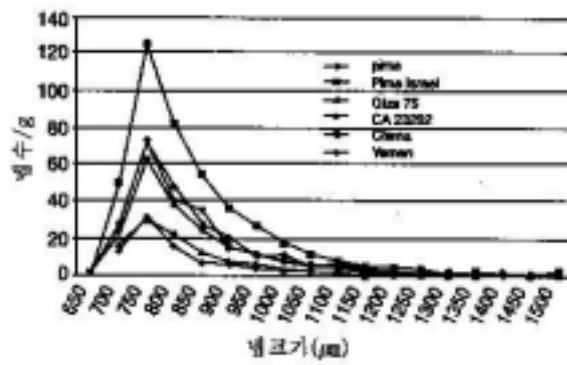
가 < 2 > .

, g 가 89 454 ,

가 . 650 1,500μm

가 750μm . , ,

6 . AFIS



< 2 >

4.

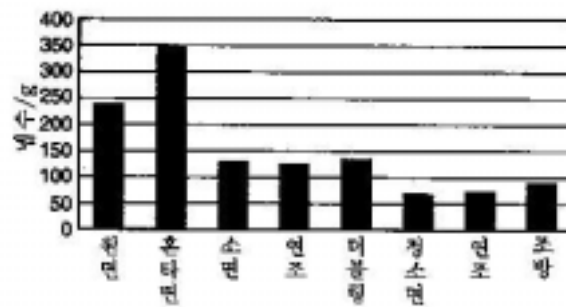
< 3 >

가

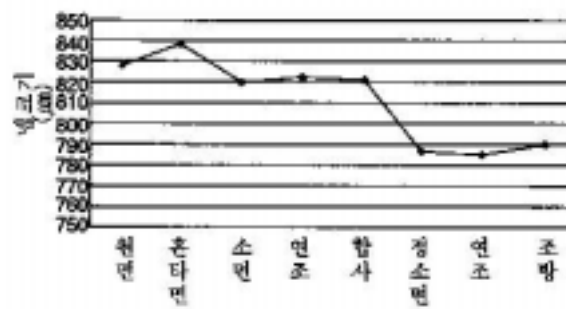
AFIS

< 4 >

가



< 3 >



< 4 >

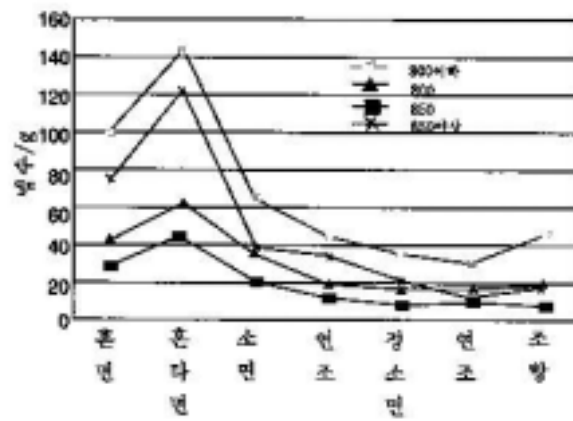
가 가

. < 5 >

가 1200 μ m

800 μ m , 800 μ m, 850 μ m, 850 μ m 4 . <

5 >



< 5 >

(scutching room) 가 (> 850 μ m)

가 가 가

가 (> 850 μ m) (< 850 μ m)

15tex

. Färber氏 850 μ m

< 1 > 3 850 μ m

. 850 μ m

30%

20%

$$NRE(\%) = \frac{Nepcnt / g(input) - Nepcnt / g(output)}{Nepcnt / g(input)}$$

Nep cnt/g(input) - g

Nep cnt/g(output) - g

< 1 > 850 μ m

	850 μ m		
	1	()	2
	30.1	26.9	30.2
	33.4	28.2	32.8
	31.6	26.6	24.7
	25.7	21.4	31.8
	15.5	16.7	25.7
	19.6	-	18.0
	-	-	20.3

< 2 > NRE(Nep Removal Efficiency)

. NRE “—” 가

가 (> 850 μ m) NRE 가 NRE

< 2>

NRE(%)

		Nep size				
		800 μ m	800 μ m	850 μ m	850 μ m	
		-45.0	-45.6	-60.1	-67.2	-53.6
		55.9	42.7	53.8	67.9	57.4
		28.8	44.2	48.1	10.5	30.3
		21.9	16.2	21.3	40.9	26.9
		13.8	1.2	-8.2	41.1	15.9
()		-46.0	-33.5	-45.1	-52.5	-45.1
		63.9	45.4	57.0	61.3	58.9
		-17.4	37.4	28.3	31.1	14.5
		60.7	14.2	16.1	59.0	47.4
		-30.8	-26.7	-37.7	-52.2	-37.3
		56.5	51.9	46.0	57.2	54.8
		-8.9	-13.6	12.9	20.9	2.7
		51.4	41.0	57.7	73.3	55.7

5.

가

(sort. , 33/34mm), USA Pima(38/40mm) 2

15tex 가

< 3 > ,

A	/g		
(Neps/1000m) (tex)	239	241	241
	346	331	331
	142	150	150
	122	146	146
	64	64	64
	318	311	226
	15	15	20
B	/g		
Neps/1000m Tex20 T1056 Tex20 T982 Tex25 T835 Tex40 T613	184		
	212		
	226		
	205		
	1410		
	1452		
	1124		
	707		

2 , . < 3 A > 2
, 1,000m 가 . ,
, , 指數(micronaire index)
. 2 g
. 20tex
가 . 1,000m 226 .
, 15tex .
20, 25, 40tex

< 3 B > .

.

가 .

가

. 1,000m

.

Uster tester

.♣