

가

1.

가

ASTM D 3511-82

2.

가

가

3.

가 .

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· 가 (, ,)

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· (LAS)

4.

/ .

“Stelometer Spinlap” .

ASTM D 519-78(1983) ASTM D 1577-79 .

< 1> .

, 가

E7 Protti PV92SX

(100% A, B, C, 50% A/50% B , 70%
A/30%)

가 BS EN ISO 12945-2 : 2000

가 .

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가 . 가

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가 .

< 1> (20)

	(mm)	(dtex)	(cN/tex)	(%)
A	90	3.3	19.82	15.15
B	90	3.3	15.38	15.00
C	90	3.3	17.15	16.15
	70	5.8	9.36	17.96

5.

A, B, C 가

.

< 1> 가 가

가 .

B C 3000

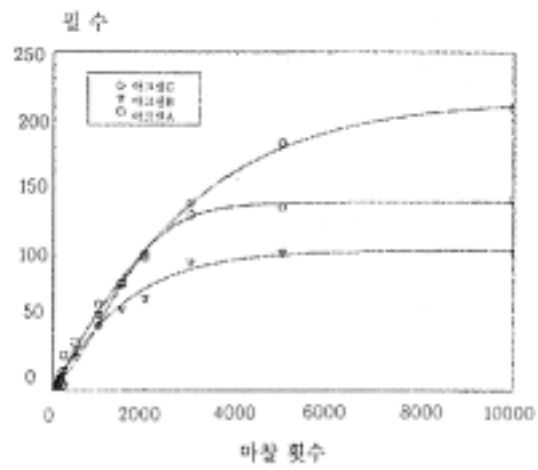
가 , . , .

가 가 A .

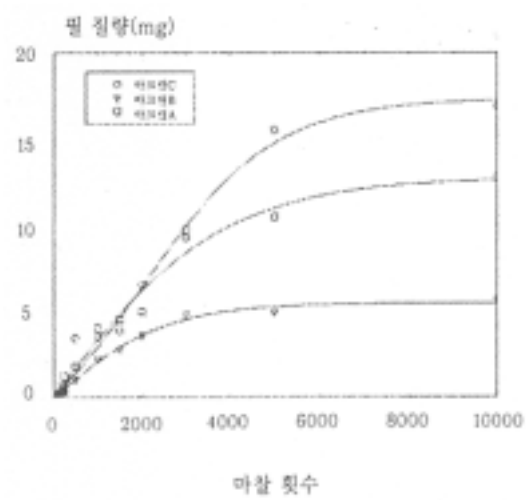
A , B C

가 .

.



< 1>



< 2>

< 2> 가 .

C 2000

가 .

C (H) (HA = 19.34,
HB = 16.59, HC = 24.00). A

가

B . < 3> <

4> .

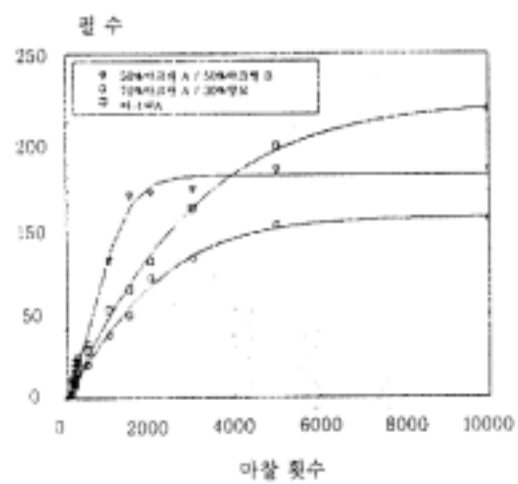
< 3> A B A

.

(30%) ,

. 50% B

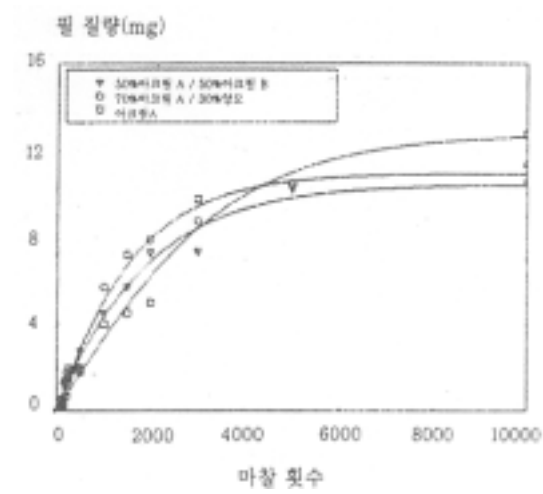
4000 .



< 3> 가

가 ,

< 4> A A B
(H=19.9) (H=16.1)



< 4> 가

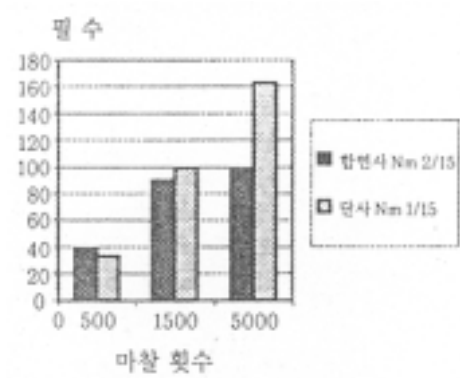
6.

• 1/15Nm , 296tr/m 가

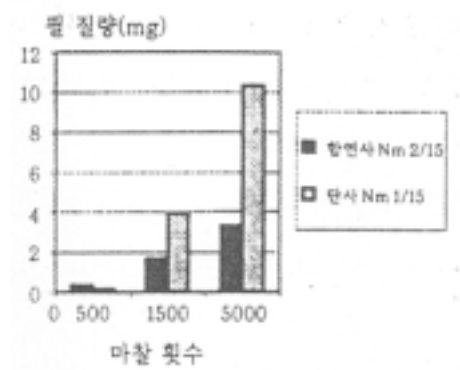
• 2/15Nm 가

< 5> 가 2/15Nm

1/15Nm



< 5>



< 6>

7.

(1/15Nm) 가 , 가 245, 296, 320tr/m .

< 7> < 8>

. < 7> < 8> , 가

, 가 .

가 .

가 , 가

가 . 가

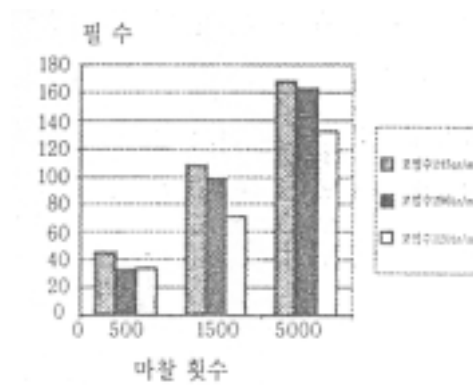
가

가 , 가

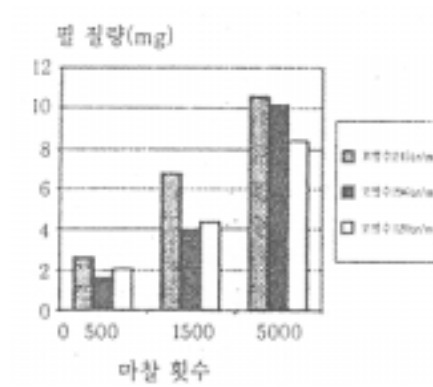
가 , 가

가 . ,

가



< 7>



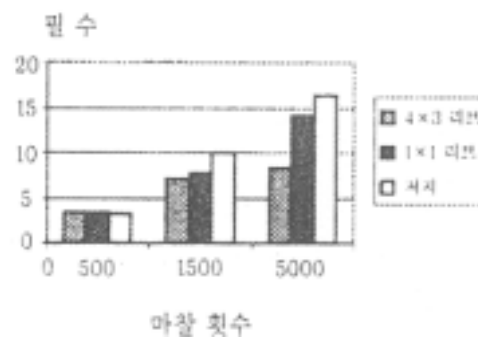
< 8>

8.

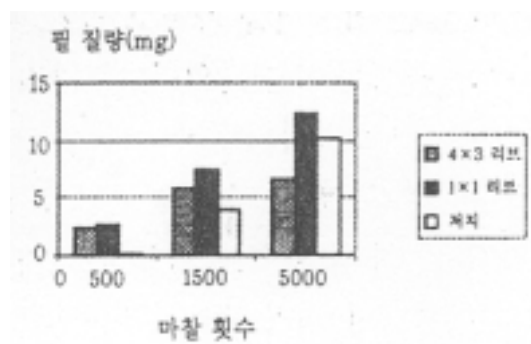
LAS= 0.95 , (1/15Nm, 296tr/m) 3가

< 9> 500

1 1 4 3
가



< 9>



< 10>

, < 10>

1 1 가 .

가 , 가

가

.

9.

가

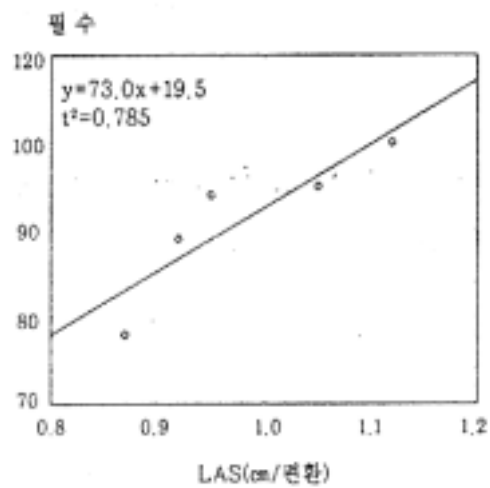
(1/15nm, 296 tr/m) 1500 ,

LAS .

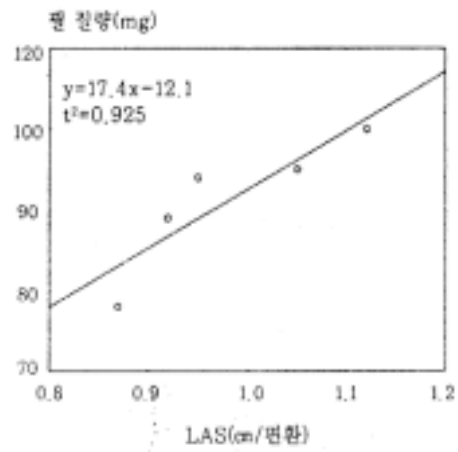
< 11>, < 12>

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가 가 .



< 11> LAS



< 12> LAS

10.

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(Assessment of knitted fabrics tendency to pilling : Melliand English, 2003. 6.)