

1.

가

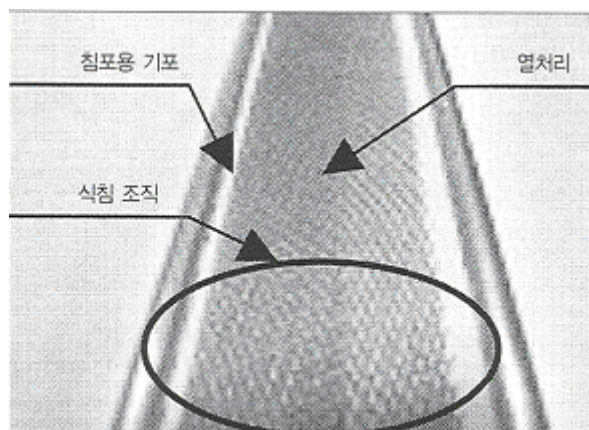
2.

가

基布, 線材(), 植針組織

3가

< 1>.



< 1>

2.1

6

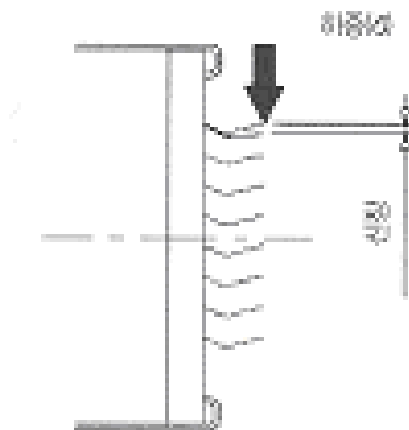
2.1.1

< 2>

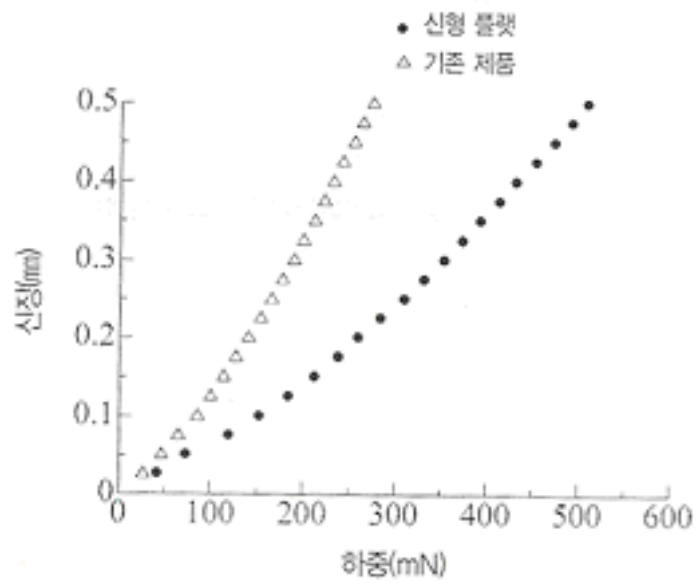
가

< 3>

1/3



< 2>



< 3>

2.1.2

가

SHIMAZU(EHF-FB5-4LA)

< 4>

50kgf(1 100gf), 10Hz

. < 5>

가 (δ t)

가 가

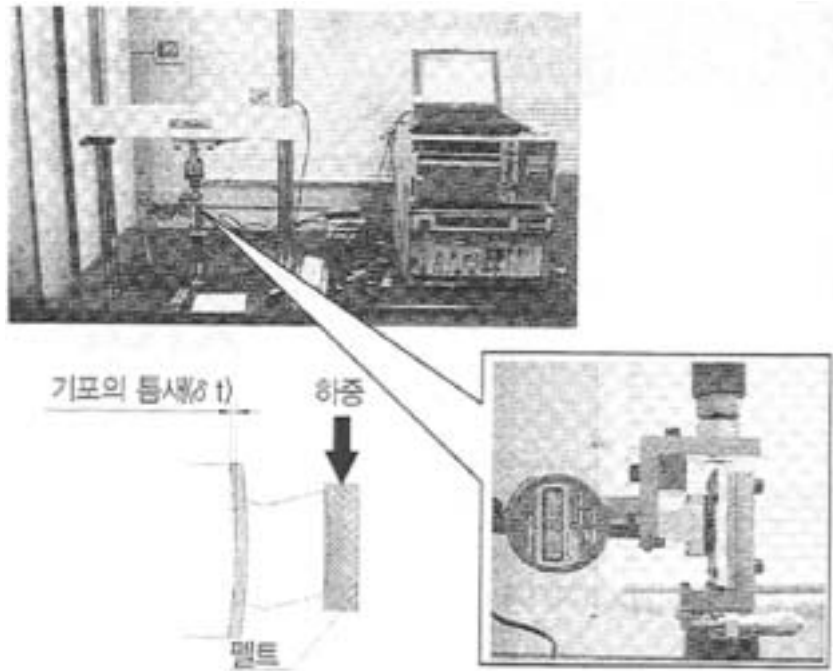
가 가

가 100

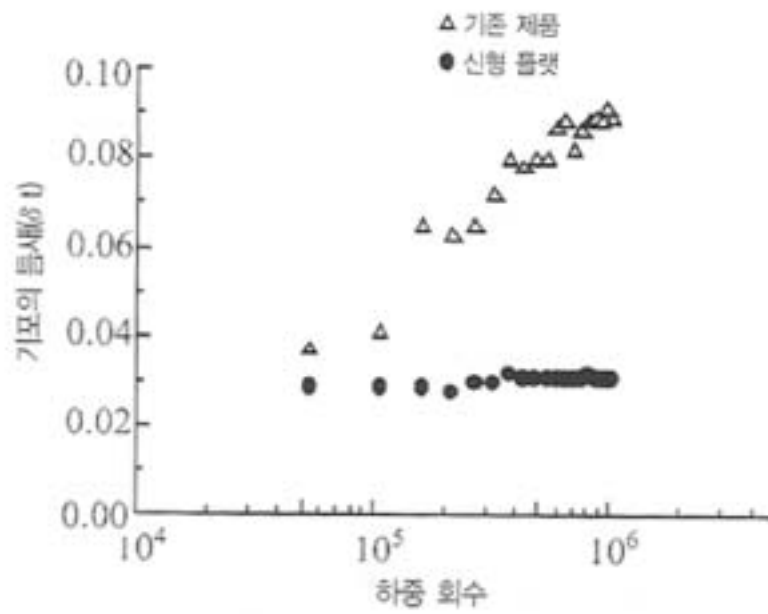
가 , 1/5

5

가



< 4>



< 5>

2.2

가

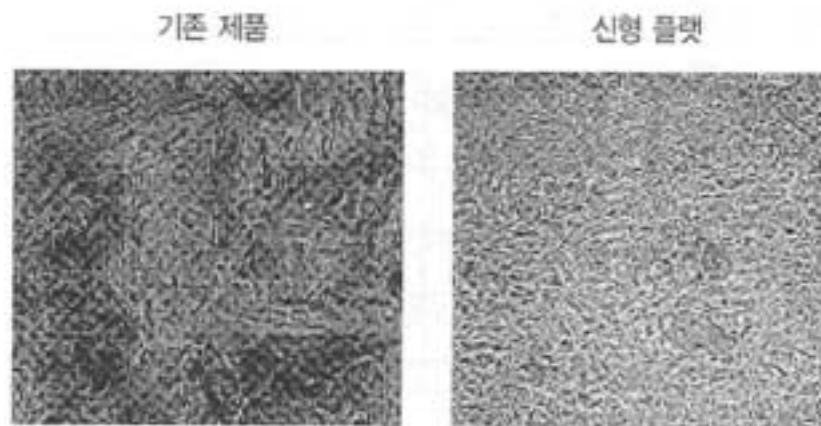
가

가

가

.

6>

 $\langle 6 \rangle$

($\times 1500$)

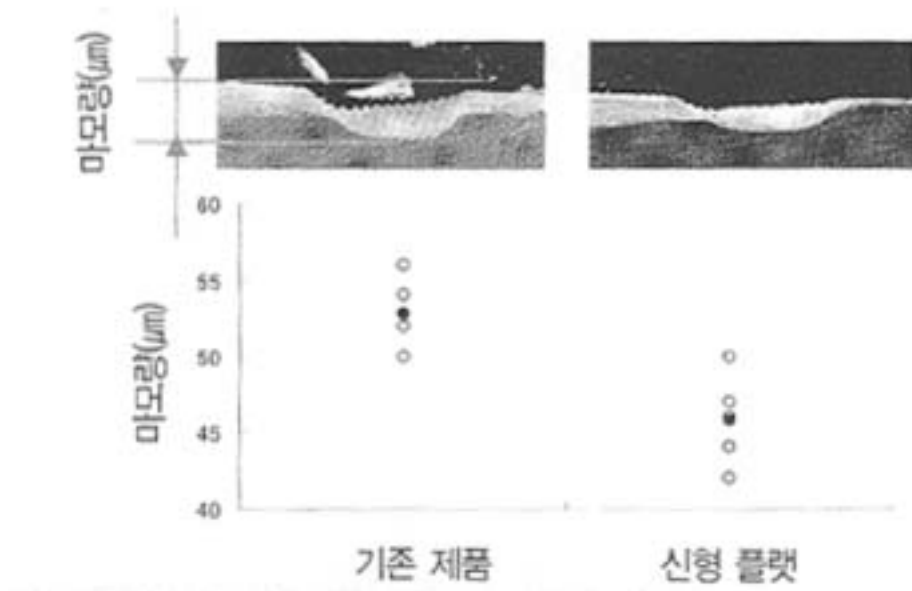
2.2.1

 $\langle 7 \rangle$

,

가

가



< 7 >

2.3

(heel)

(toe)

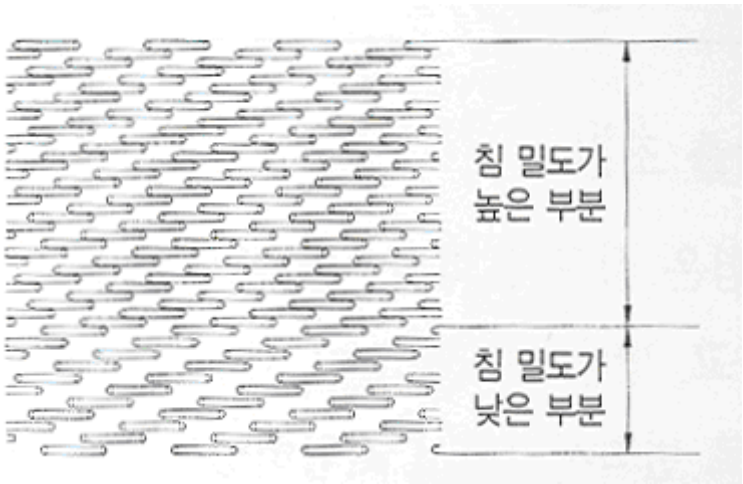
2

2.3.1

2.3.2

< 8>

가



< 8>

3.

3.1

3.1.1

Trützschler DK 903

3.1.2

< 1>

< 1> (USTER AFIS)

(mm)	21.0-22.0
(%)	35.0-39.0
(mTex)	150-160

3.1.3

< 2>

. , 960 , 340 .

< 2>

	CC96KFA
	DU34DH03

3.1.4

470 rpm , 100, 150,
200 m/min 3 . < 3>

. , 450grain/6yd .

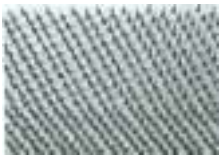
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(rpm)	470		
(grain/6yd)	450		
(mmmin)	200		
(m/min)	100	200	300
(kg/h)	31.9	63.8	95.7

3.1.5

2가 4가
< 4>
가
30:70, 50:50, 70:30 3가

< 4>

	A	B	C	D
				
(Fine/Coarse)	30/70	50/50	70/30	100/0
(mm)	0.380/0.280	0.380/0.280	0.380/0.280	0.380/0.280
	Fine	Fine	Fine	Coarse

3.2

Uster AFIS
,

3.2.1

< 9>

1g

가

가 가

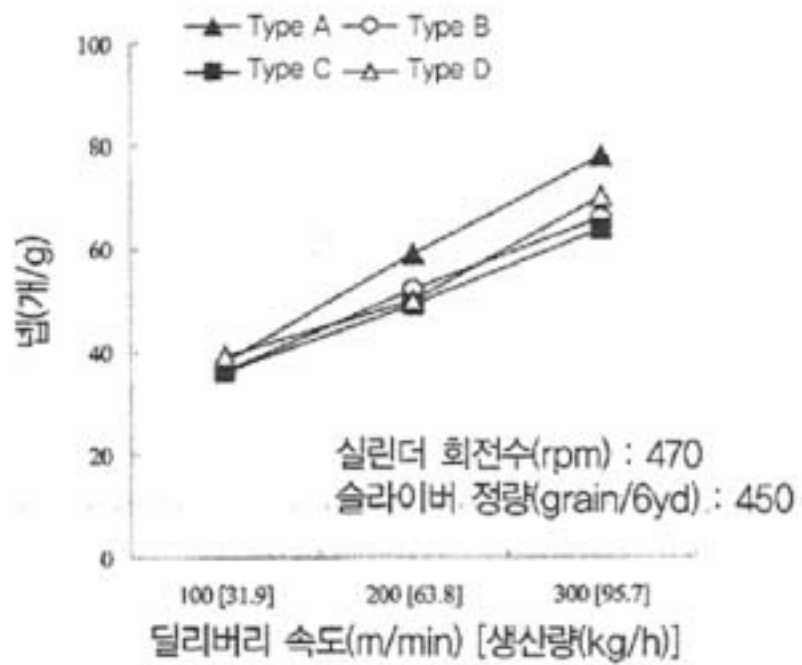
가

A

가 가

3

가



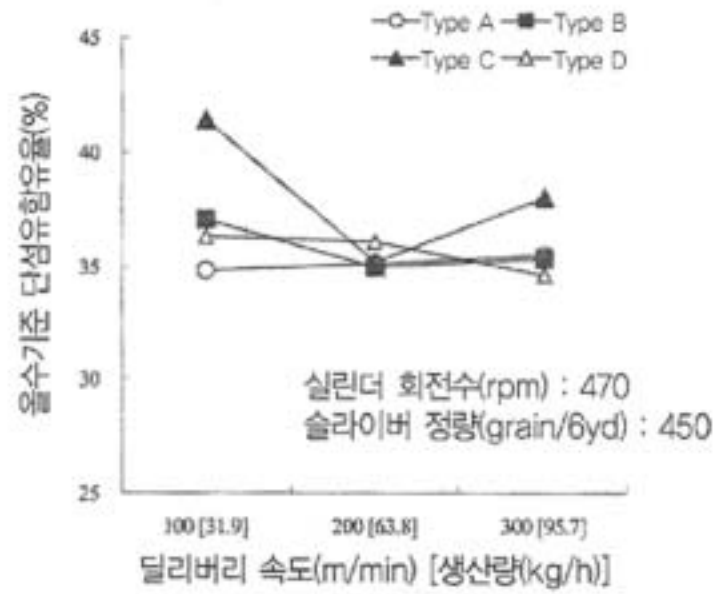
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3.2.2

< 10>

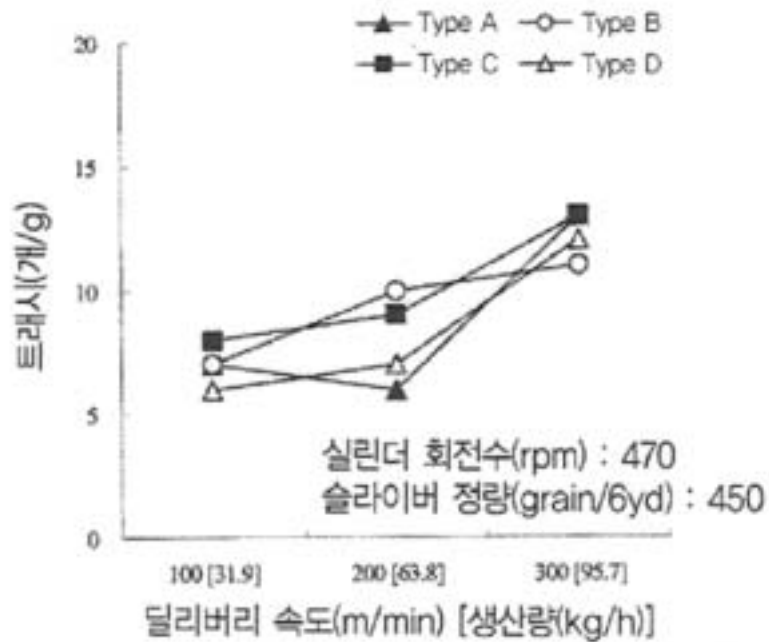
가

, 2



< 10>

3.2.3

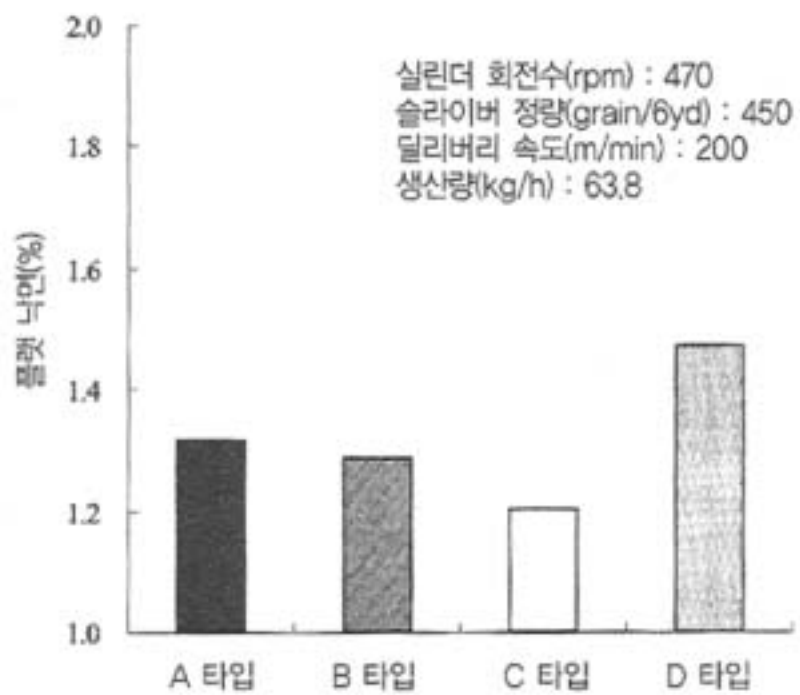


< 11>

< 11> 1g ,
가 가 가
A D , B C
A 가 가

3.2.4

< 12>



< 12>

D A, B, C

가

가

C

가

가

3.2.5

가 (Visual Foreign Matter)

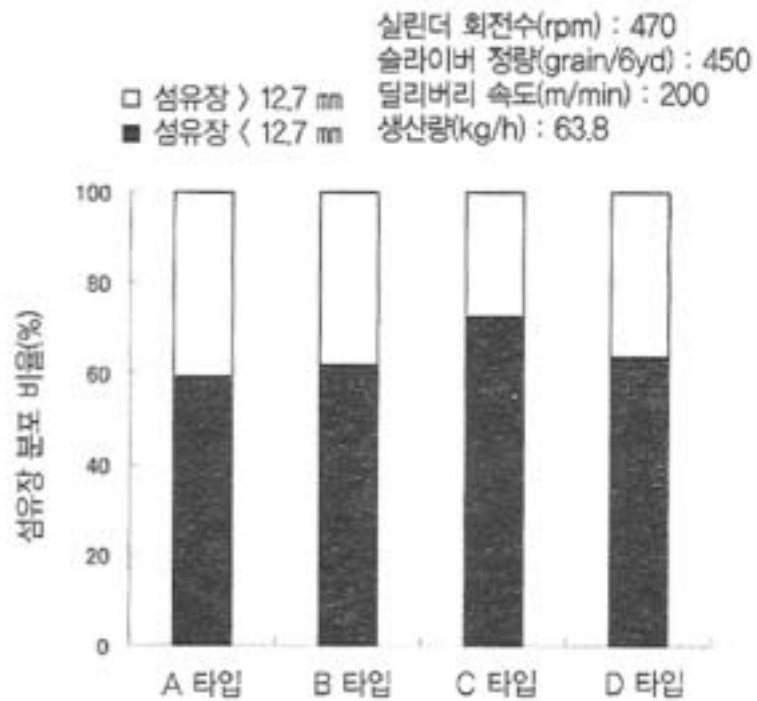
가

가

C

가

3.2.6



< 13>

< 13>

12.7mm

C 가

A 가

가

4.

2 , 가 2

2 C 70/30(가
/ 가) 가 가
가 가
가 가
가 가

가 ,