

Fibrograph

가

. 가 가?

가 Trouble

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Digital Fibrograph

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Air Conditioning

가

Condition

가 가 .

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2)

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Fibrograph

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Fibrograph

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 Dan River Mill Woodside
 .
 [.
 가 14% idea
 84 가 .
 . 가
 .
 84
 가 . 4 Fibrograph
 2 .
 . Digital Fibrograph
 Data 가
 .
 Data South Calorina .
 4,000 4 .
 , , , Fibrograph ,
 . 가
 . 가
 .
 , , , , Micronaire
 Group . Digital Fibrograph

. 가
 .
 6.3~10.7%, 가 39.6~51.4%, 0.75~0.81inch, 2.5% Span
 Length가 1.11~1.15, 50% Span Length가 0.47~0.50, 0.68~0.73
 . 가
 , 가
 . 가
 Fibrograph 가
 . 가
 . 가
 , Creal Roving 5
 .
 .
 가
 2 가 , 1
 . 2 가 2
 3 . 가
 2~3 3~4 .
 Data .

30's

40's

30's 40's 가 , 가
100
가 1,000
가 22~35 1 %, 2
2
가

1 . 3가 Graph
Graph

15%

가 .

가 . 2

6% 가 0%~14%

가 . 0%, 9%

1 가 가

가 .

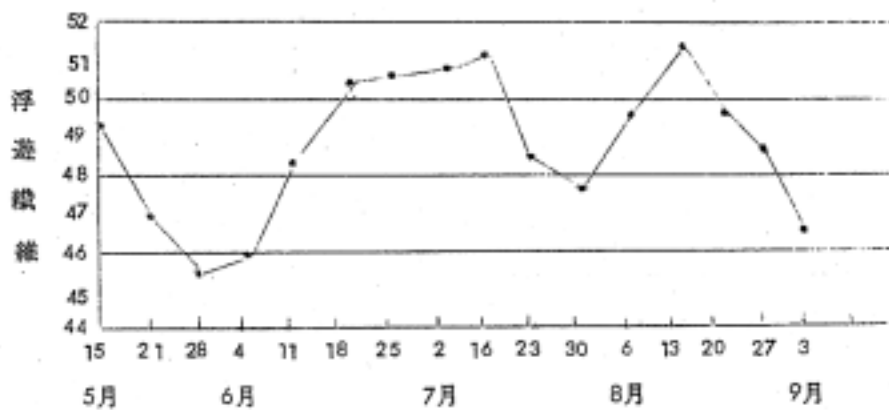
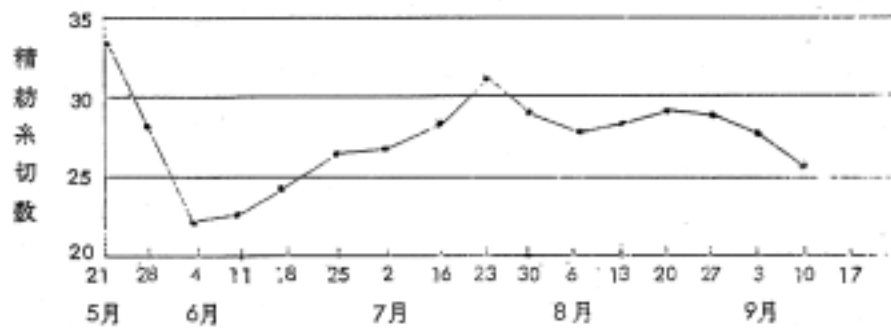
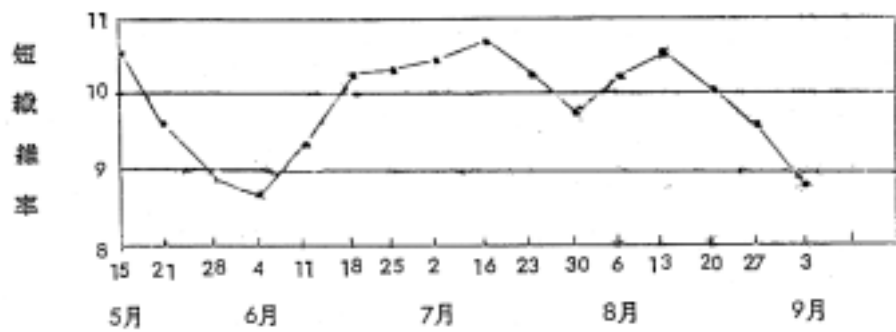
3

가 가 20% 가

(25% 45%)

< 1>

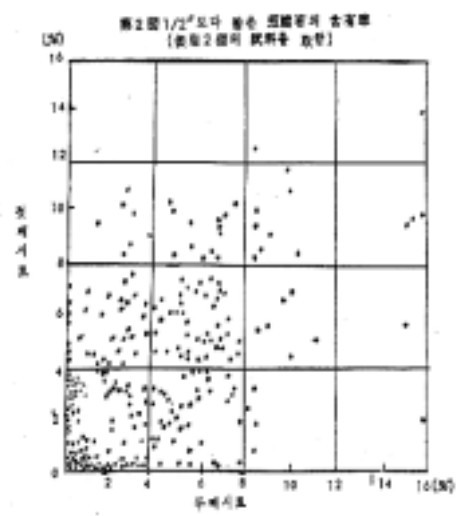
(2)



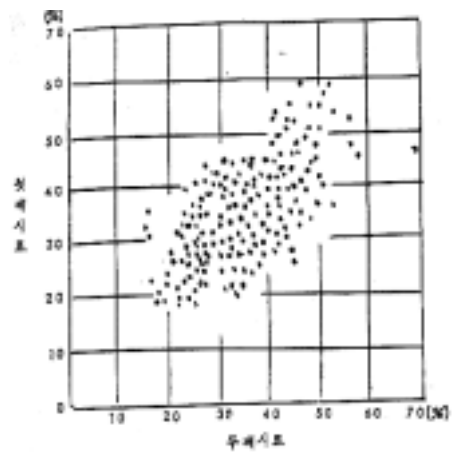
4 2.5% Span Length가 1/200 " ~1/300 "

5 Span Length 90%가 1/100 "

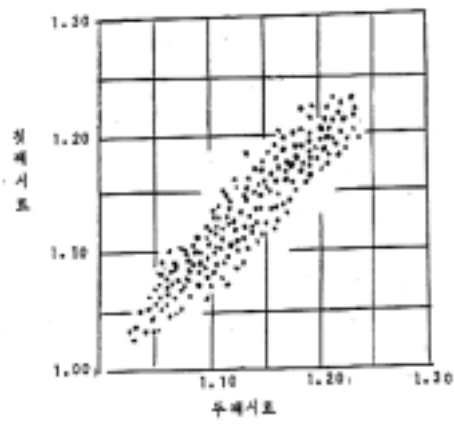
$$\begin{aligned} < 2 > 1/2'' \\ & \left(\begin{array}{c} 2 \end{array} \right) \end{aligned}$$



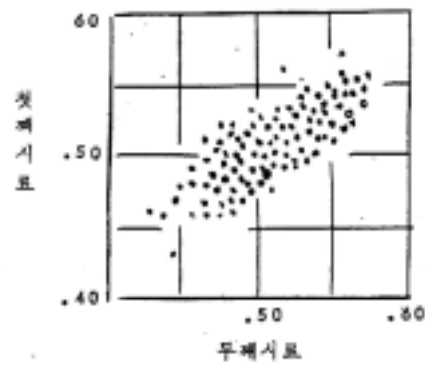
$$\begin{aligned} < 3 > \\ & \left(\begin{array}{c} 2 \end{array} \right) \end{aligned}$$



< 4> (2)



< 5> (2)



(,)가

가 .
가?

Yarn break-factor, 40's , Digital Fibrograph ,

66 . Yarn break factor 2.5%

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$$).$$

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가

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가

가

가

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1.25%가

50%

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2.5%

2.5% span Length

가

2.5% Span

Length .

Morris 2.5% Span Length 50% Span length

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.

2.5% Span Length .

Span Length 3가 Group 1Group

1 .

< 1> 1

	2.5% Span Length	
A.	1.03~1.06	42~47
B.	1.07~1.13	42~47
C.	1.14~	42~47

, , 가

가 B .

.

85LBS

46LBS~54LBS . 10% 가 ,

7% 가 .

, 가 .

가?

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80% 2.5%

Span Length 10%, 10%

가 .(2)

< 2> 2

	2.5% Span Length	
10	1.03~1.06	42~47
80	1.07~1.13	42~47
10	1.14~	42~47

50LBS 47LBS .

80% 15%, 5%

. 40~50LBS

45% .(3)

< 3> 3

	2.5% Span Length	
15	1.03~1.06	42~47
80	1.07~1.13	42~47
5	1.14~	42~47

15% 300

. 2.5%Span Length

가

. 가

가

Data 가 ,

39~41%, 42~47%, 48% 3가 . 2.5% Span Length 3

4 .

< 4> 4

	2.5% Span Length		
1	1.03 ~ 1.06	42~47	5
2	1.07~1.13	42~47	15
3	1.14~	42~47	2
4	1.03~1.06	39~41	
5	1.07~1.13	39~41	
6	1.14~	39~41	
7	1.03~1.06	48~	2
8	1.07~1.13	48~	
9	1.14~	48~	1/24

가 .

span length

Span Length .

Woodside 5 .

< 5> 5

	2.5% Span Length		
1	1.03~1.06	42~47	6
2	1.07~1.13	42~47	11
3	1.14~	42~47	2
4	1.03~1.06	39~41	
5	1.07~1.13	39~41	
6	1.14~	39~41	1
7	1.03~1.06	48~	1
8	1.07~1.13	48~	2
9	1.14~	48~	1/24

2.5% Span Length

가 가 . ,

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. 가

. Woodside

가

. 가 . 6

가 Spindle RPM

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가 .