

2.

2.6

(1)

1)

2-14 .

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< 2-14>

			1
			2
		, 1	1
		1	(前列) (後列) 2
		1 2 1	40 (2 .

2) (落綿率)

, , ,

, 2-15
 .

< 2-15>

20 ^s	2.0~2.5	4.0~4.5	-	CM40 ^s	2.0~2.5	4.0~4.5	12.0~16.0
30 ^s	2.0~2.5	3.5~4.0	-	CM60 ^s	2.5~3.0	4.0~4.5	13.0~17.0
40 ^s	2.0~2.5	3.5~4.0	-	CM80 ^s	3.0~3.5	5.0~4.5	18.0~20.0

< 2-16> ()

	10s	16s	20s	30s	40s	50s	60s	70s	80s	100s
40	2.5	3	3.5	4	4.5	5	5.5	5.5	5.5	5.5
30	2.5	3.5	4.5	5.5	6	6.5	7	7	7	7
20	3.0	4.5	5.5	7	8	9	9.5	10	10	9.5
15	3.5	5	6	8	9.5	11.5	12	12.5	13	12
10	4	6	7	9	11.5	14.5	16	17.5	17.5	16
5	4	6.5	8	10.5	15	20	23	26	28	23

() 400 , 1 , 1 .
 가 가 ,
 (步行) 가 .

3)

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< 2-17>

(1978.6.1)(: g)

(Nec)			(50%)							(50%)	
				P V A		(2D)			P V A	/ (2D)	/ (2D)
10	450	530	480	625	410	465	460	1,370	1,375	800	735
16	310	365	315	390	255	290	305	815	800	505	435
20	260	305	260	305	200	230	255	620	610	385	330
30	180	210	175	170	135	150	165	355	360	230	190
36	150	175	145	135	115	125	135	270		180	
40	130	155	125	125	100	110	120	230	245	160	120
45							100			140	
50	100	120	95	95	75	80	85	170	175	125	90
60	90	105	75	75	60	65	65	135	130	110	70
80	70	85		60		50	45	95		75	50
100		75					35			55	40
120		60					30			45	35
160		35								30	

* 65%

(2)

1)

(web)

가 .

2)

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3)

%

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(3)

1)

가

. 2-17

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2)

: x g

: y kg

$$y = 0.125x(\quad)$$

$$y = 0.134x - 2.35(\quad)$$

$$y = 0.135x(\quad)$$

$$y = 0.130x(\quad)$$

$$y = 0.141x - 3.04(\text{Hamby } \quad)$$

$$(\quad 50\% \quad) y = 0.138x$$

$$(\quad 50\% \quad) y = 0.124x(\quad)$$

3) U% IPI

. (Uster)
2-18 .

< 2-18> U% IPI (1975)

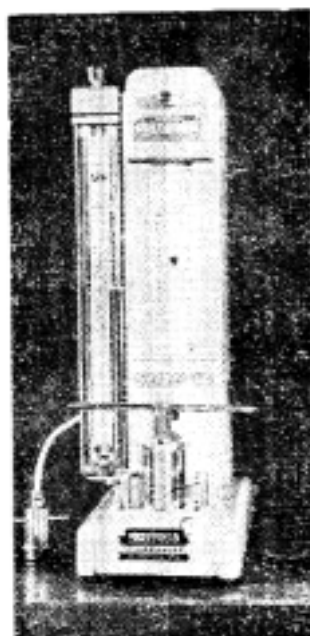
	(Nec)	U%	IPI		
			thin places	thick places	neps
	16	13.9	30	250	240
	20	14.4	48	350	300
	30	15.3	120	600	500
	40	16.0	200	800	670
	30	12.2	15	95	75
	40	12.7	25	120	82
	60	13.6	53	160	92
	80	14.3	90	200	105
/ (50/50, 65/35)	30	13.2	30	130	90
	45	13.7	50	140	95
	60	14.2	78	148	98
(1.2~1.8den)	20	11.8	35	48	17
	30	12.8	60	70	22
	40	13.5	85	85	25
	60	14.7	150	125	31
(2.4~4.0den)	20	14.0	48	27	15
	40	16.4	260	78	38

(4)

1) ()

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가 가 .
가 .
(2-5) 50gr(3.2g),
2.4~8.2 μ g/in .



< 2-5>

2) ()
가

가 가 가
. 가

0 1/8 가

(0)

(1/8) . 0

1,000lb/in²

1,000lb/in²=10.8116 × ()-0.1200

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,

2~3mg

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3) (: Suter-Web Sorter)

1/8 가 (comb) 가

1/8 가 가

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가

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4)

(0~25cm)

가 .

0~500g 가 가 .

5) (, Uster)

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(evenness tester)

(U%)

(CV%)

(integrator)

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가

가

(Rotofil)

. 가

A

B

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6) IPI

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가

(thin places)

(thick

places)

4

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1,000m

가 .

7)

(Classimat)

IPI

가

4 ,

4 ,

16

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100,000m

가

.

100,000m

가 .

8)

(Spectrograph)

9) ()

50cm , 0~2kg 3kg .
(C.R.L) 가 가

()
가

10) 1.5yd (wrap reel) 80

0~200lb 0~400lb
(C.R.T) .

11) (Twist counter)

(10)

, 가 .

가 가

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12) (snarl)

V

가

가

가

(Kringel factor meter)

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13)

가

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20~30

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