

・ () - (18)

(,)

2.3

・	・
(1)	・
(2)	,
・	

(1)

1 ,

・ , 100lbs

・

<	>
(lb) = $\frac{100lb}{}$	

(2)

1 ,

・

<	>
絲長(yd) = $\frac{100lb \times 840yd}{}$	

(3)

()가

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,

.

1

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< >

$$(\text{lb}) = \frac{(\text{yd/min}) \times 60 \text{min} \times (\text{h})}{840 \text{yd}} \times \times$$

, , 가 ,

.

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()

가

< A>

가 48 , 1 .

$$[] \quad 1 = \frac{100}{48} = 2.083(\text{lb})$$

< B>

가 48 , 30s 1 .

[] 1 = $\frac{100}{48} \times 840 \times 30 = 52,499.9 \rightarrow 52,500(yd)$

< C>
 , 1 .
 : 60 : 1,000yd/min
 : 8h, : 40s : 95%

[] 1 = $\frac{1,000 \times 60 \times 8 \times 0.95}{840 \times 40} \times 60 = 814.2(lb)$

2.4 .

.
(1) .
(2) .

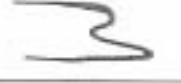
,
가 .

. classimat
가 .

- (1)
1)

< 2.3> .

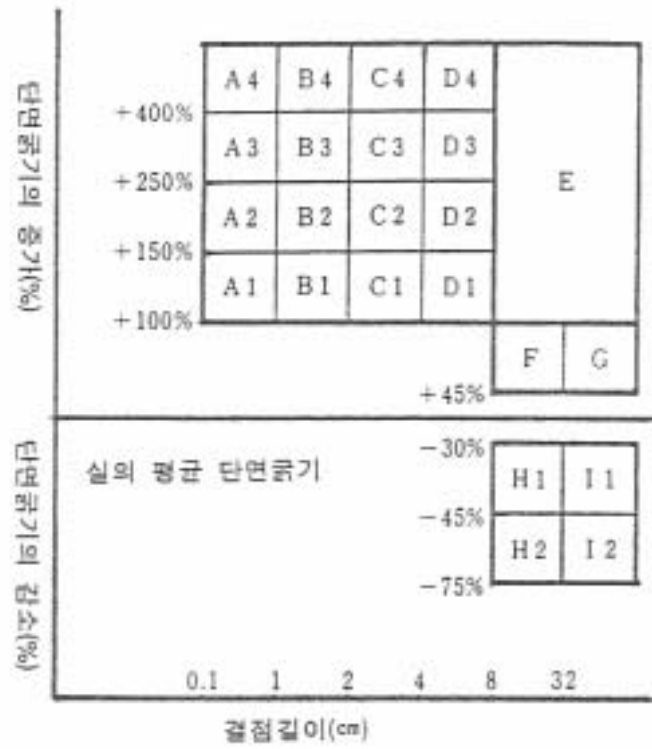
[] (faults in yarns)

	영 어	독일어	프랑스어
	nep	nisse noppe	bouton
	seed leaf	pflanenteil	dechets vegetaux chardons pailles
	thick place	dickstelle	epaisseur faible grosseur
	thin place	dünstelle	finesse
	piecing spinners' waste piecening spinning piece-up	anspinner anleger ansetzer andreher	rattache
	fly fly waste lint	anflug batze	duvet bouchon voltard
	slub torpedo slub	schleicher schlonze torpedo	flamme
	cracker kink	kracher	tire-bouchon frisure
	spinners' doubles (+100%)	doppelfaden	mariage
	spinners doubles (> +100%) thick yarn	grob-faden dickes garn	gros-fil
	double thread double end lash-in	beifaden	fil double
	knurl snarl knarl	kringel krenkel krausel	vrille
	loop	schlinge	boucle
	knot	knote	noeud

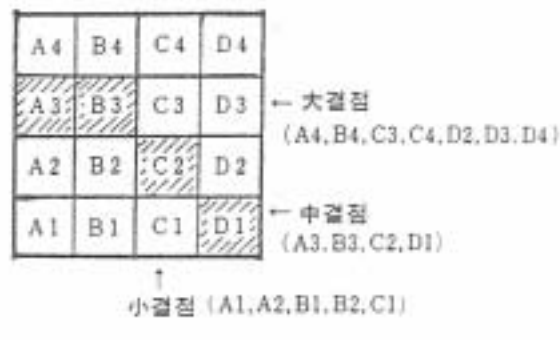
< 2.3>

1) , , , 가	. , 가 , .
2) , , ,	. , .
3) , ,	. , .
4)	. .

2)



< 2.11> classimat



< 2.12> . .

100,000m

, slub catcher . Uster
classimat가 . ()

(level) material count .

A1~D4 16class, 7class 가 23class

. < 2.11> 가 , ,

가 가 . < 2.12>

(2)

. 가

.

1) (%)

$$= \frac{A - 768.1}{768.1} \times 100\%$$

$$A = X \div \left(\frac{100 \times}{\quad} \right)$$

, A : 1 (meter)

X : (m)

: 10

가 (1.5yd 1m)

(reeling machine) , .

Selemeasure LM600 .

2)

5 , .

$$= \frac{\sqrt{\sum x_i - \bar{x}^2} / 5}{\bar{x}} \times 100(\%)$$

x_i :

x : 5

(3) ()

1) (%)

1 (lea) 40 , 105~110

,

.

$$= \frac{\frac{A}{100+B} - C}{C} \times 100(\%)$$

A : 5 10

gram

B : (%)

C : $C = \frac{453.59}{1 + \frac{R}{100}}$, R (%)

2)

, 10 , .

$$= \frac{\sqrt{\sum (x_i - \bar{x})^2 / 10}}{\bar{x}} \times 100$$

x_i :

$\bar{x}$: 10

< A>

(1)

○ , × .

(2)

, .

(3)

가

(4)

가

(5)

, .

[] (1) × 가 .

(2) ○

(3) × .

(4) ○

(5) ×

< C>
 48 (10) 30s 1 48,960m ,
 (%) .

$$\begin{aligned}
 [\quad] \quad A &= 48,960 / \left(\frac{100 \times 30}{48} \right) = 783.36 \\
 &= \frac{783.36 - 768.1}{768.1} \times 100 = 1.986(\%)
 \end{aligned}$$