

가 (15)

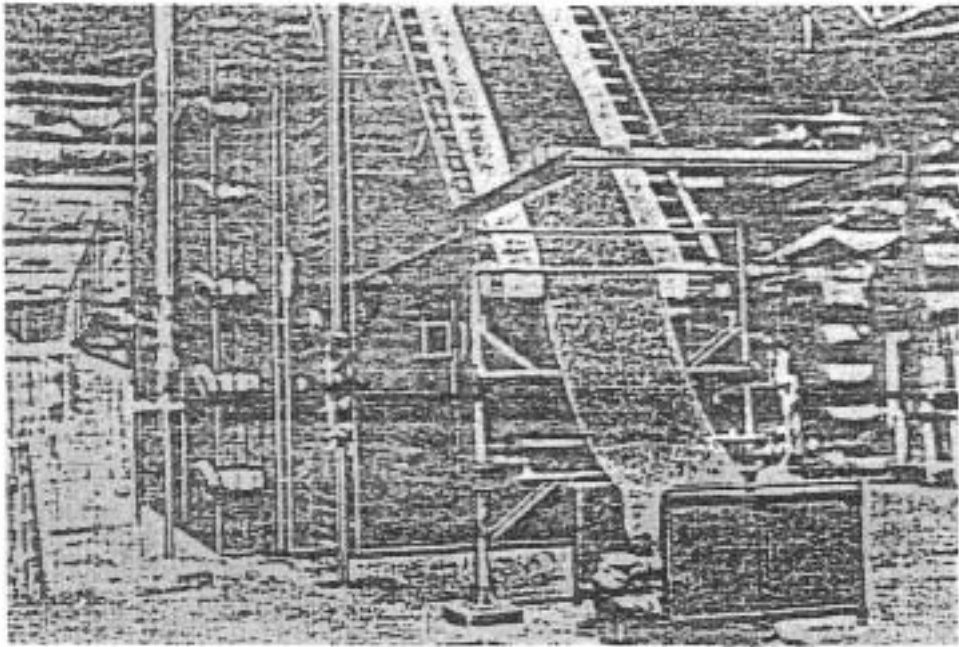
6)

short loop dryer, Suction drum dryer, Jet drum

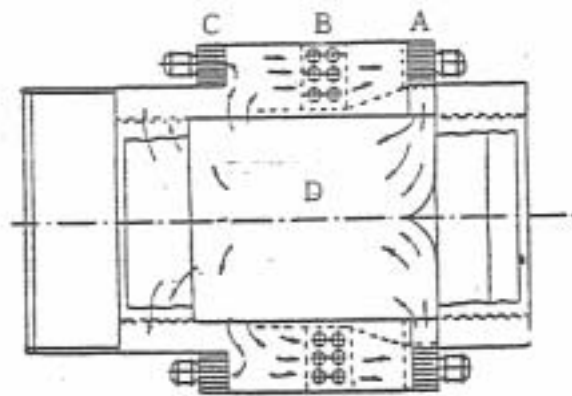
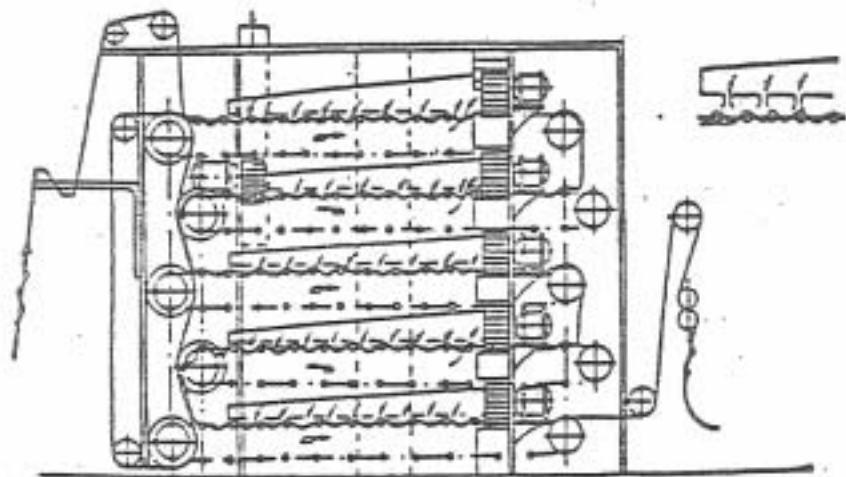
가 .

,

가 .



< 13> short loop



A: B: 가 C: (5~20yd/min)

D: 가 (60~90)

< 14> short loop

f

$$f = \frac{(Q_1)}{(Q_2)}$$

Q_1

, Q_2

< 3> .

< 3>

	Cylinder	Air jet	Hot air
	85%	60~70%	45~60%

가

가 .

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(Heat setting)

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가

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Relax

가

가

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(Heat Setting)

가

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가 가

가

Torque

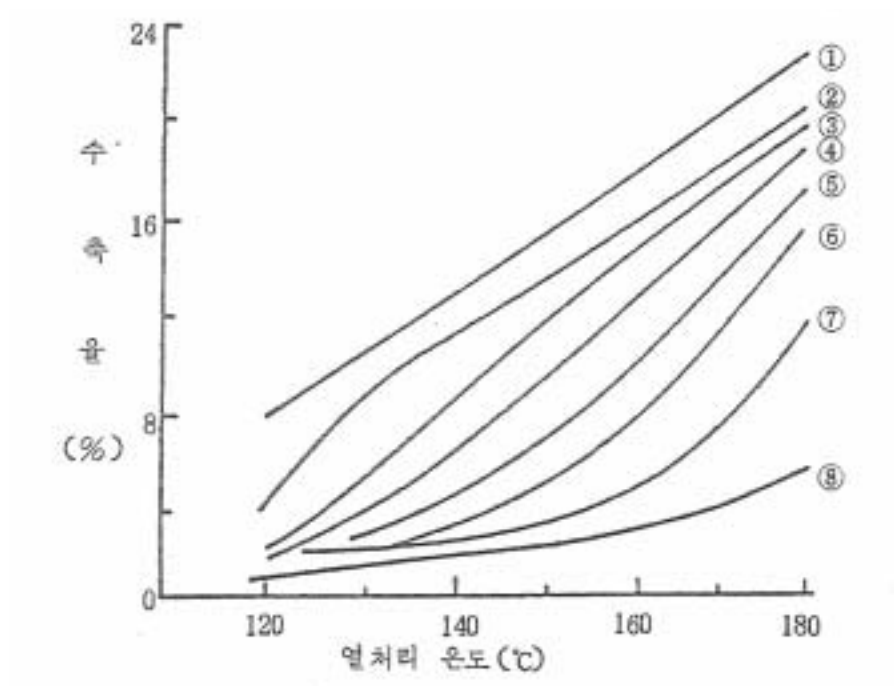
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< 15>

가

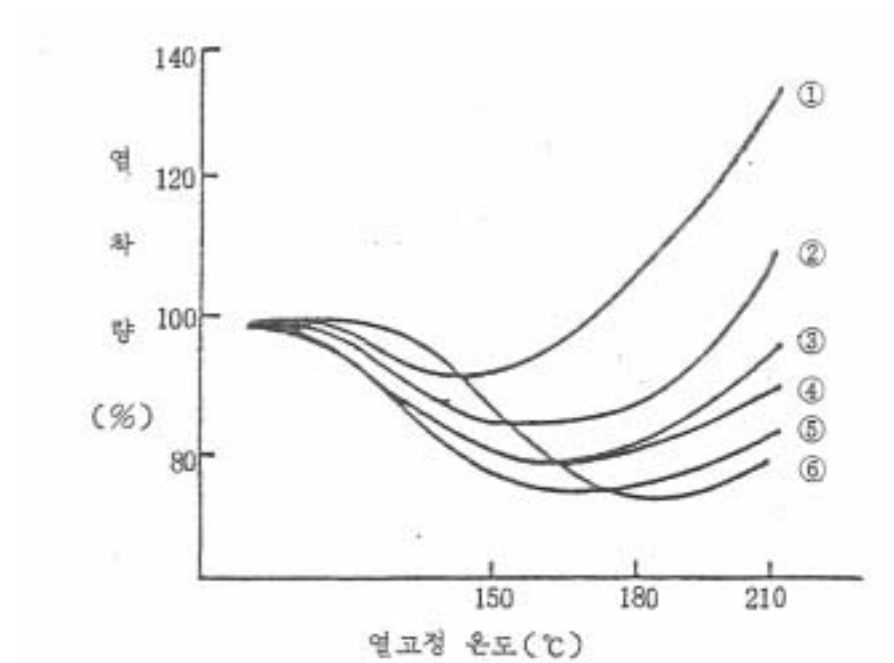
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130 150 160 170 180 190 200

< 15>

Heat-Set



Red 7 Orange 3 Blue 14 Blue 23 Red 13 Blue 3

< 16>

< 16>

.

190~200

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.

가

가

Heat Set가

<

4>

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< 4>

	Denier/		Relax	Rre-set	Final-set
Pongee	75 × 75 / 86 × 76	100 × 100	82 × 85	82 × 90	92 × 92
Satin	75 × 100 / 202 × 95	100 × 100	70 × 90	85 × 88	82 × 88
Amunzen	100 × 100 / 112 × 81	100 × 100	77 × 85	86 × 80	85 × 80

, × 100 .

Relax

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가

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- , , , ,

(feeding) .

-

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- 가 가
 , 가 .
 - 0.3~0.5g/d 가
 (Tenter Pin) (Tenter rail) ,
 Heat setting .

< 5> Heat setting

	()	(min)
	200	15~30
가	170~190	25~40
	180~200	20~30

Heat setting

,
 .
 .
 200,000~350,000Kcal/h ,
 35%, 20%,
 10% .

. < 17>

< 18> Over feed Roll 가
 N₂ SG

(同期回轉)

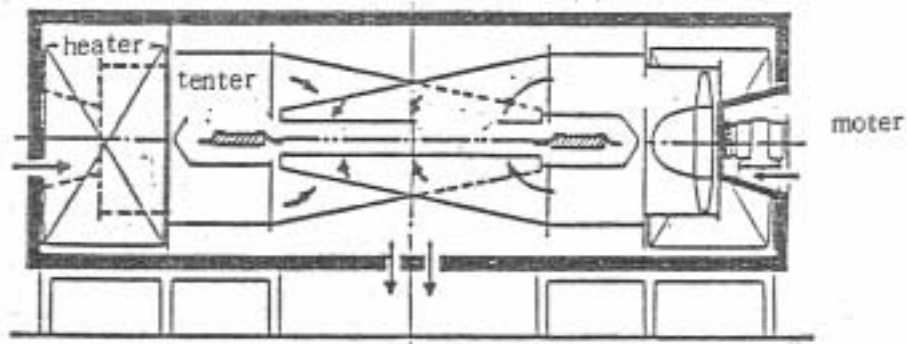
SM

VIP

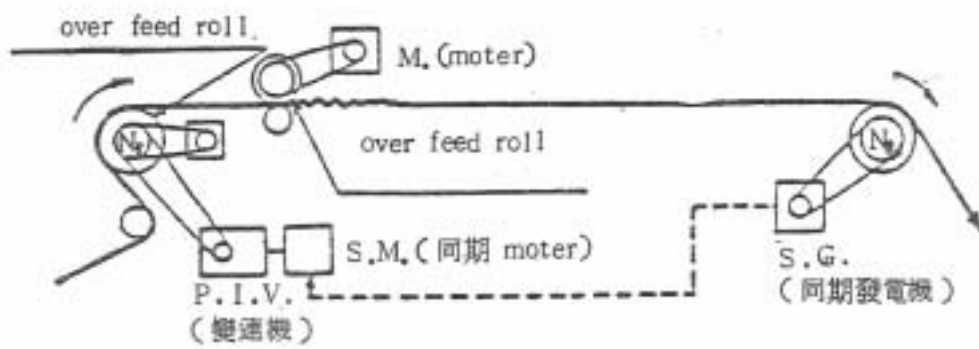
Feed Roll

N1

Heat setting



< 17>



< 18>