

가 (22)

2.4.3 가

1)

가

가

NaOH

가

“Peel Off”

가

1970

“Silky 가 ”

가

“ 가 ”

1971

1976

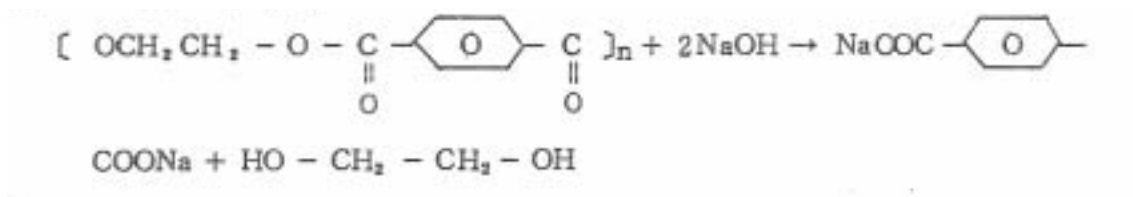
가

가

NaOH

가 NaOH

가



Terephthalic Soda Ethylene Glycol

192gr. 1mol NaOH 2mol NaOH 80gr.

$$= \frac{192(\text{gr.}) \times \text{NaOH}}{2 \times 40(\text{NaOH})}$$

$$= \frac{\text{NaOH}}{80} \times 100$$

$$= \frac{192 \times \text{NaOH}}{80} \times 100$$

$$= \frac{192 \times \text{NaOH}}{80} \%(\text{O.W.F})$$

NaOH가 %(O.W.F)

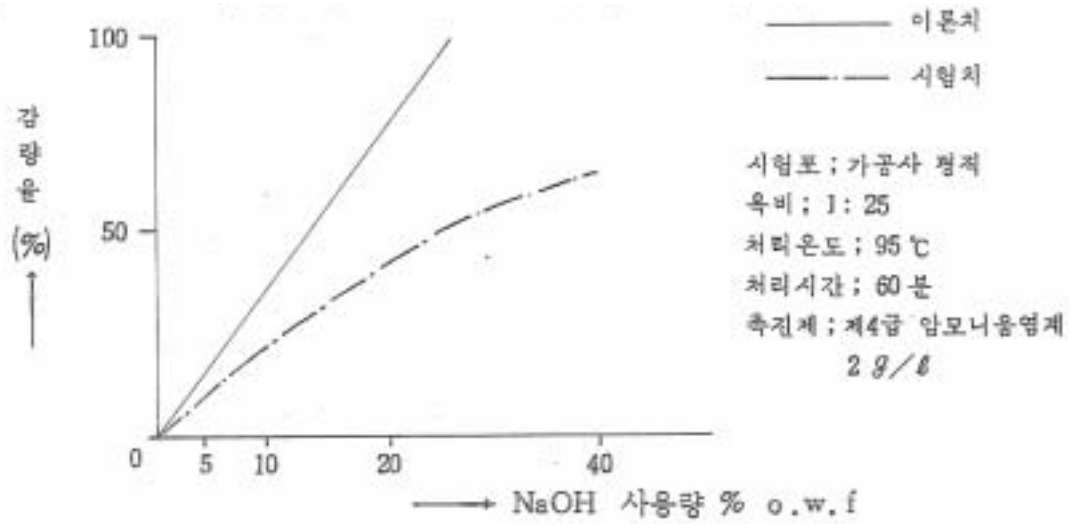
$$\frac{80}{192} \times 100 = 41.666 \dots \% (100\%)$$

X% NaOH가 %(O.W.F)

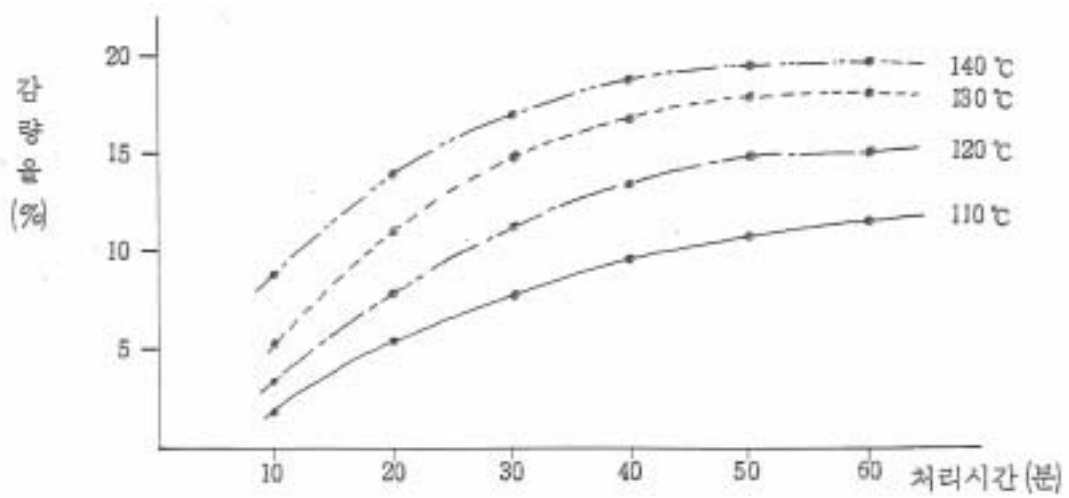
$$41.66 \times \frac{X}{100} = (\text{X}) \% \text{ O.W.F가}$$

NaOH

Presetting



< 1> (%)



< 2> ,

가 가 % , Batch
 Batch , ,
 NaOH , .
 가 , , NaOH 가
 .
 , , , 가
 .

가 1970 16
 . Tank Batch 95%
 Batch

- 가 가 .
- Batch : Tank, Wince, Beam,
 - : Pad Roll , Pad Roll Micro Wave
 - : Pad Dry , Pad Steam , Pad steam Micro Wave

< 1>

				Lot			
Tank	Batch		○ -				○
	"	○		○	○		○
Beam	"	○	○	○ -			○
Pad Dry				○		×	

Pad Steam	"				○	○	
Pad Roll		○	○				

SEM(scanning Electron Micrographs)

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TiO₂ , NaOH

가

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가

.

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가 가

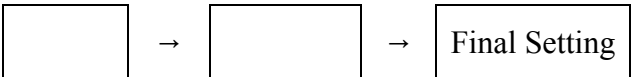
,

.

2) 가

가 Tank Georgette 가

.



2 2

Relaxation

, ,

•

Beating

,

가

•

가

•

가

•

Lot ,

2

0

mark-pen

2

20cm

yard

2

2

•

가

○ 2.

< 3 (a)>

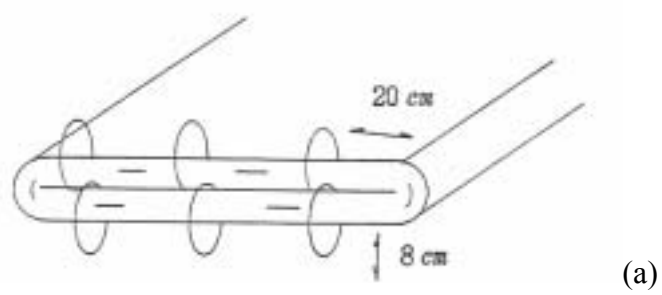
guide

2yds

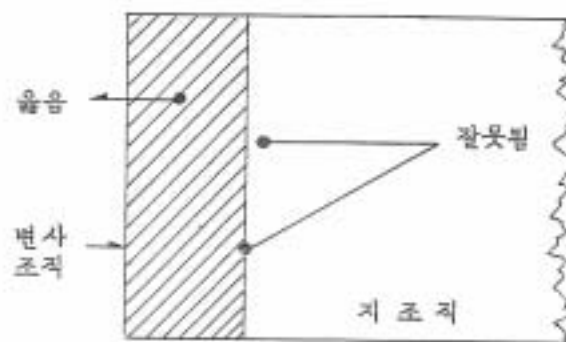
가 가 가

가

()



(a)



(b)

< 3>

○ 3.

20cm 가 6 < 3 (b)>
() 8cm

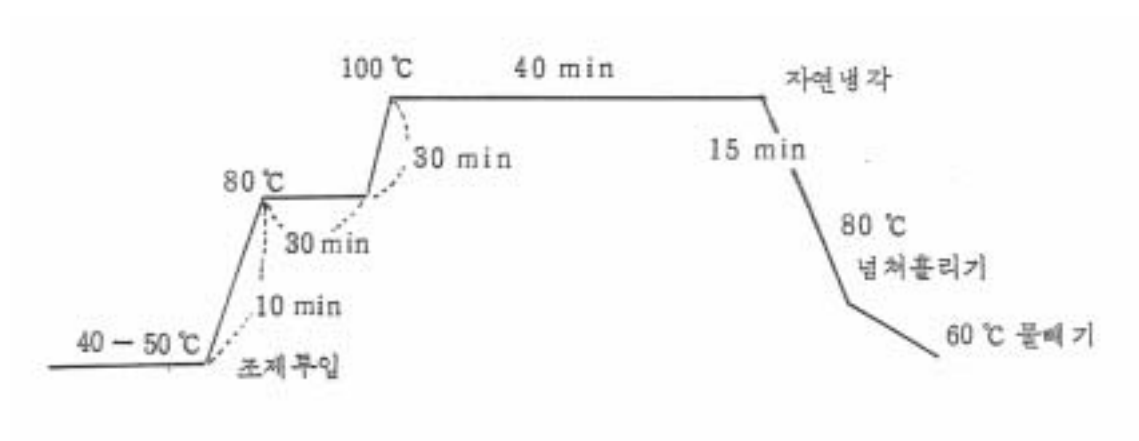
가 , 가

8cm

5

가

Batch



가

R/W

R/W

1,500l 50 가 . (4,000l 5~7)
 1,500l . (NaOH
 5kg. 1kg, 500g)

80

44 " Matt 18% 80

. () ,

,

가 .

* : NaOH

1

R/W	Dobby	44 "	24~30
	Matt	44 "	24~30
	Chirimen	344 "	20
	Palace	44 "	20
		44 "	30
		44 "	20~30
R/W	Dobby	44 "	80

Dobby	58 "	60~70
Matt	44 "	70
Chirimen	44 "	70
Palace	44 "	80
	44 "	80
	44 "	70~80

Batch

Pre-setting

가

pre-setting

·
· 1 20
· , 가 ,
· ,
· 가 ,
()
· 가 가

가