

- (2) -

1.3

가

가 . ,

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가

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가 .

1.4

E, SE, S(FS/SF) 3

가 가 .

E : (가)

,

SE : (가)

,

S(FS, SF) : (가)

. ~ .

1.5

가

가

. < 2>

< 2>

佳化	Sumikaron		
日本化薬	Kayalon Polyester		
記和	Kiwalon Polyester		
昭和化工			Nichromine
DyStar	Dianix Palanil Dispersol Miketon Polyester	Diacelliton Celliton Miketon Fast	Miketazol
Ciba	Terasil	Cibacet	
Clariant	Foron		
YCL	Serilene Intrasil	Selisol Intrasperse	

1.6

(1)

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1)

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- (130)
- (100~120)
- (120)
- / (100)
- (80~120)

가

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2) pH

가

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“

”

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3)

.

가 .

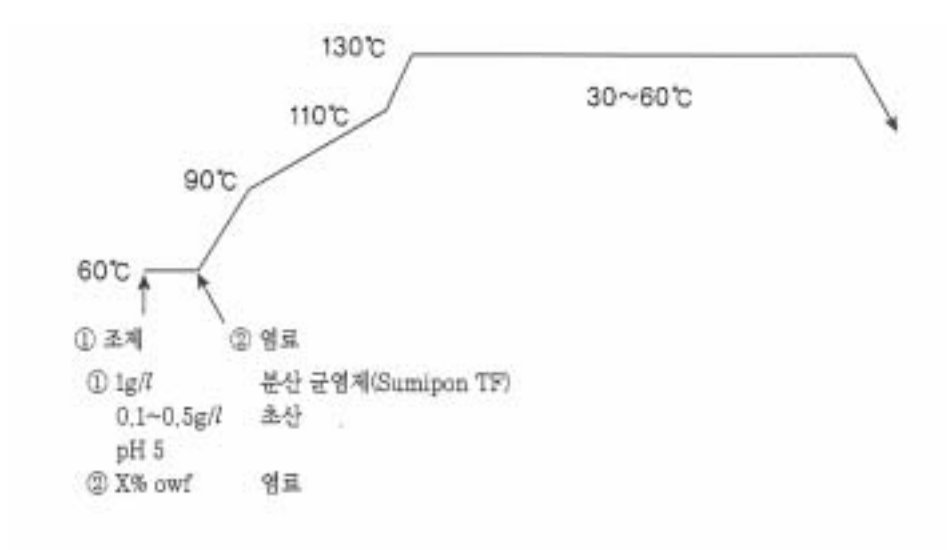
(2)

(

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1)

< >



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; :

1g/l

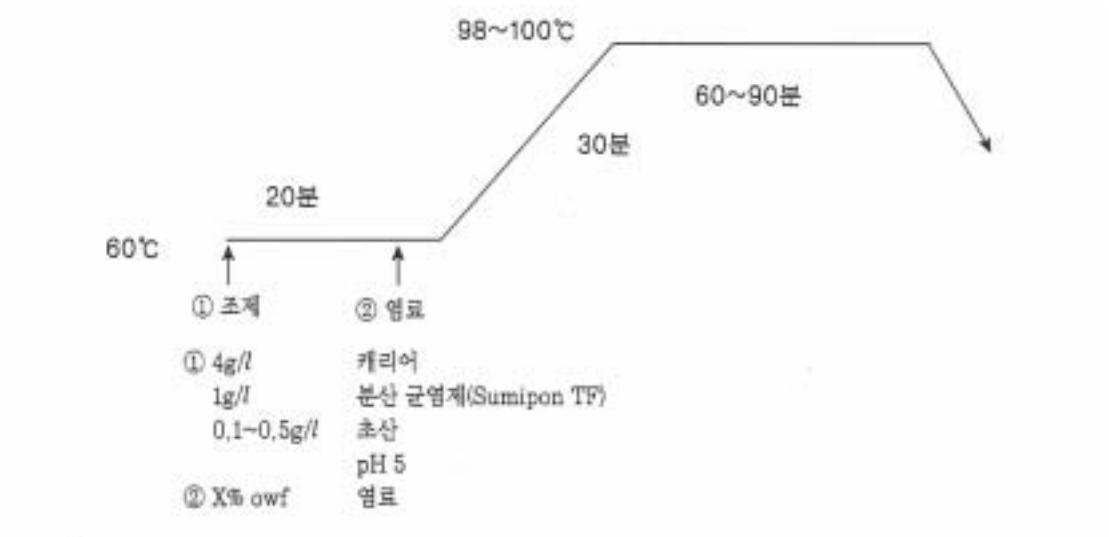
1g/l 가 ()

1g/l ()

1 : 10 ~ 1 : 20

80 10 .

1-2)



2)

180~210

/

→ → → → →

Xg/l

1 g/l

， 60% 110 60
， 200 45~90 .

3)

， HT ， .

→ → → → → → → →

: 130 , 30

HT : 170~180 , 8~10 ()

: 200 , 90

4)

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， .

6~8 % owf

8~12% owf (66°Bé)

1 : 10 ~ 1: 20

90 30 .

2

가

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1.7

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(1)

p-aminoazobenzene

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C. I. Disperse Yellow 7

C. I.

Disperse Yellow 23 2

가

1 가

p-

aminoazobenzene

.

가

.

(2) PRTR ,

(:

) ,

(Ames Test)

,

가

.

C. I. Disperse Blue 79

,

가

C. I Disperse Blue 79:1

가

가

. C. I. Disperse Red 167:1 C. I. Disperse Red 167

.
, PRTR 가 2 C. I.
Disperse Blue 79:1 .

,
가 .

(3)

,
. Oeko Tex Standard 100
20 (19) 가

.
40%
Oeko Tex Standard

.
가
가 , 가
가 가 . ,

.
Oeko Tex Standard 100

< 3> .

C. I. Generic Name	CAS No.	Oeko Tex	BgW()	23
C. I. Disperse Blue 1	2457-45-8	○	○	
C. I. Disperse Blue 3	2457-46-9	○		3
C. I. Disperse Blue 7	3179-90-6	○		2
C. I. Disperse Blue 26		○		
C. I. Disperse Blue 35		○	○	2
C. I. Disperse Blue 102		○		3
C. I. Disperse Blue 106		○	○	2
C. I. Disperse Blue 124		○	○	1
C. I. Disperse Orange 1	2581-69-3	○		1
C. I. Disperse Orange 3	730-40-5	○	○	1
C. I. Disperse Orange 37/76		○	○	3
C. I. Disperse Red 1	2872-52-8	○	○	2
C. I. Disperse Red 11	2872-48-2	○		2
C. I. Disperse Red 17	3179-89-3	○		3
C. I. Disperse Yellow 1		○		
C. I. Disperse Yellow 3	2832-40-8	○	○	4
C. I. Disperse Yellow 9	6373-73-5	○		1
C. I. Disperse Yellow 39		○		
C. I. Disperse Yellow 49		○		

○ :