

- / -

1. / , 2

1.1

		,
pH		
	50~60	100
	,	

(1)

(Remazol , Levafix)

(Supranol , Telon , Isolan)

.

(2)

, ,

.

(3) pH

. ,
 1 가
 .
 가 ,
 2
 , pH가
 가 가 Remazol Levafix .
 . (50~60).
 , (), ,
 가 가
 가 .
 pH
 . ,
 가 가 가
 가 가 .
 . (pH 4.5~5.0)
 (4)
 Remazol Levafix 50~60
 . 98~100 .

(5)

가 . ,

가

Mestiol NBS liquid .

(6)

가 가 ,

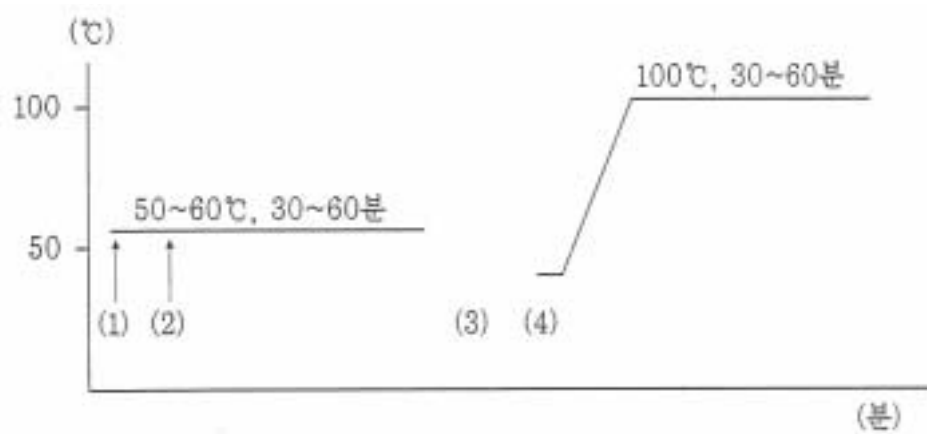
가 .

Mesitol

NBS liquid가 가 .

1.2

(1) / , 2



(1) X%

Levafix = 50

Remazol = 60

20~80g/l (7t)

2~4% Mestol NBS liquid

(2) 5~20g/l (7t)

(3) , (),

1~2g/l Diadavin EWN(Bayer)

80 , 10~15

(4) Y%

pH 4.5 (5%)

Levafix	Golden Yellow E-3GA	Telon	Yellow GW
	Orange E-3GA		Red GW
	Brilliant Red E-4BA		Blue FRW
	Brilliant Red E-6BA		Black LDN
	Blue E-GRN	Supranol	Yellow 4GL
	Royal Blue E-FR		Red GW
	Brown E-2R		Blue GCW
	Brown E-RN		Green 6GW
Remazol	Navy Blue E-BNA	Isolan	Black VLG 04
	Yellow GNL 200%		Yellow S-GL

Yellow RU-N

Yellow-S-2GL

Navy Blue RU-N

Red S RLN

Brilliant Orange FR

Bordeaux-S-BLN

Brilliant Red BB

Brown S-RL

Brilliant Red F3B

Dark Blue 2S-GL-01

Brilliant Blue B

Green S-GLN

Navy Blue GB

Navy Blue S-RL

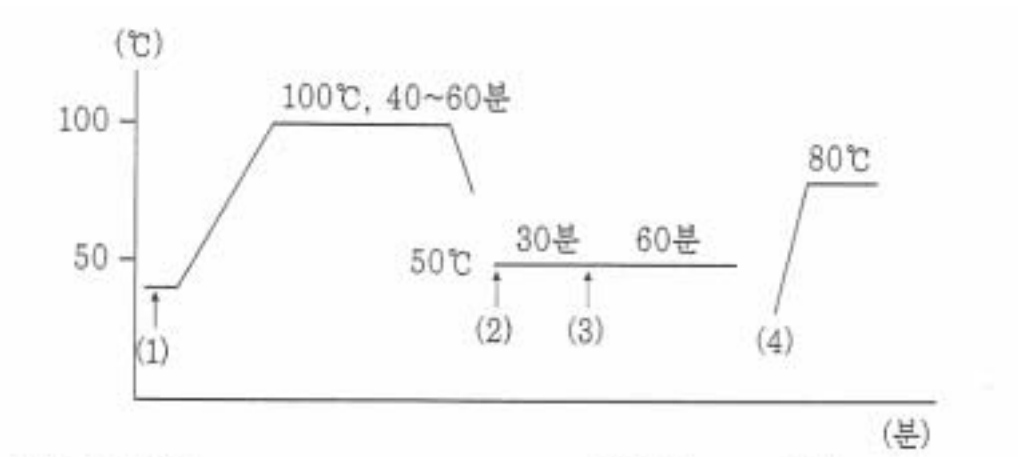
Black A

Grey S-GL

Black B

(2)

2



(1) X % Remazol

1.5% Avolan REN(, Bayer)

2g/l

pH 4.5~5()

(2) Y% Realan

20~50g/l (가)

pH 7.0~7.5

(3) 10~20g/l (가)

(4) 1~2g/l

Realan

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가 가 가 .

, . , 가

가 .

가 가 .

2. / ,

2.1

		,
pH		
	80~10	100
	,	
	-	Mesitol NBS liquid(Bayer)

(1)

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(2)

， ， 1
．

(3) pH

． ，
가
가 ． 가 ．
1 2
．
．
1
가 ．

(4)

80~100 ．
100 ． 80
100 ， 80
15~20 ．

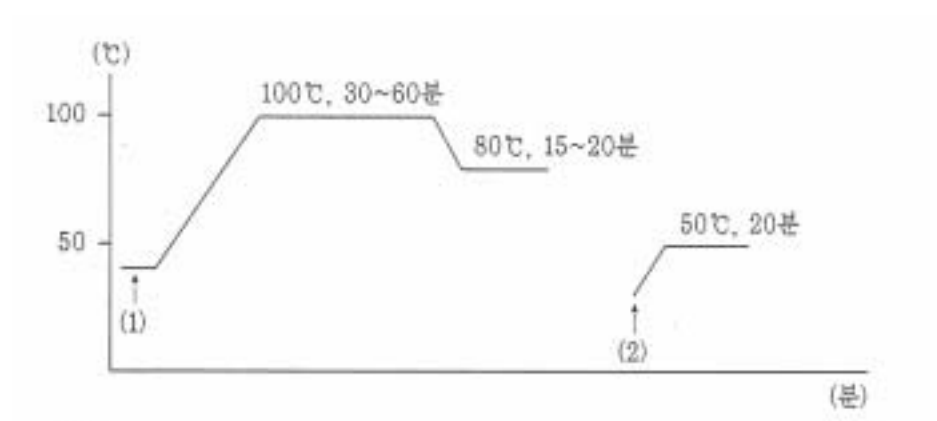
(5)

가 .
가 .
가 .

(6)

Mesitol NBS liquid가
가 .
 ,
 ,
 .

2.2 1



(1) X%

Y% /

1~2% 60%

1~4% Mesitol NBS liquid

1~2% Avolan UL 75(, Bayer)

5~20%

(2)

2~4% Tasfix PLS(Bayer)

2.3

(1)

free 3

Sirius Yellow K-CF
Orange K-CFN
Scarlet K-CF
Blue K-CFN

3

Sirius Yellow K-GRL
Rubbine K-2BL
Blue K-GRLN
Grey K-CGL

Sirius	Yellow K-2G
	scarlet S-G
	Royal Blue S
	Turquoise S-FBL

Special

Sirius	Green S-4B
	Blue S-BRR
	Black S-2RC

(2)

Telon	Yellow GW
	Red GW
	Blue FRW
	Black LDN

Supranol	Yellow 4GL
	Red GW
	Red 3BW

Isolan	Yellow S-GL
	Yellow S02GL
	Red S-RNL

Bordeaux S-BLN

Brown S-GLN

Navy Blue S-RL

Dark Grey 2S-GL 01

Green S-GLN

Grey S-GL

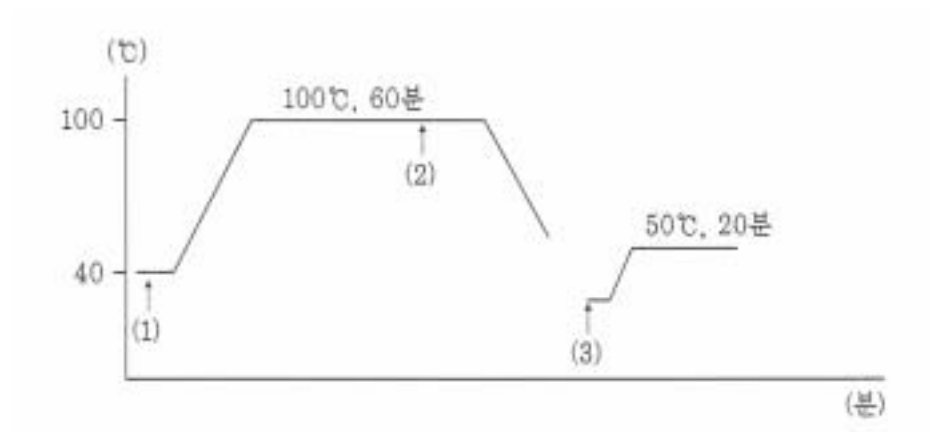
Blue RLW

Blue GLW

Green 6GW

Black VLG 04

2.4 1 2



(1) 1.5% Sirius Black S-VSF

1.0% Isolan Grey S-GL

1.0% Telon Black LDN

1g/l

30g/l

(2) pH 6~6.5

(3) 2~4% Tasfix PLS

100 pH

40~50

.

, 가 가

가 .

가 pH 6~6.5

가 pH .