

가 (20)

8) 가

가 (CD-PET) ,
 , - SOH 가 CO-monomer

.

.

가

.

가

.

가 ,

CD-PET

가 가

.

, 100

.

(Na₂SO₄ · 10H₂O) 가 . CD-

PET

가 .

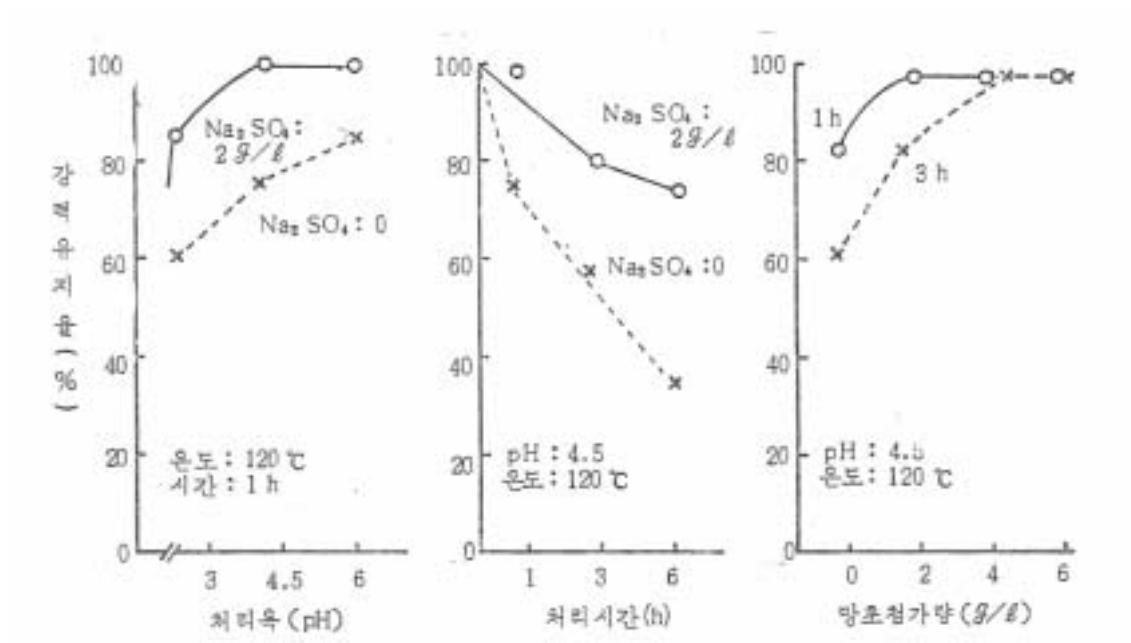
< 11>

.

CD-PET

가 , 100 ~120

.



< 11>

CD-PET

가

,

가

120

,

가

,

105

.

CD-PET

,

가

.

가

.

CD-PET

CD-PET 가

CD-PET

< 12>, < 13>

CD-PET 90 1/3~2/3

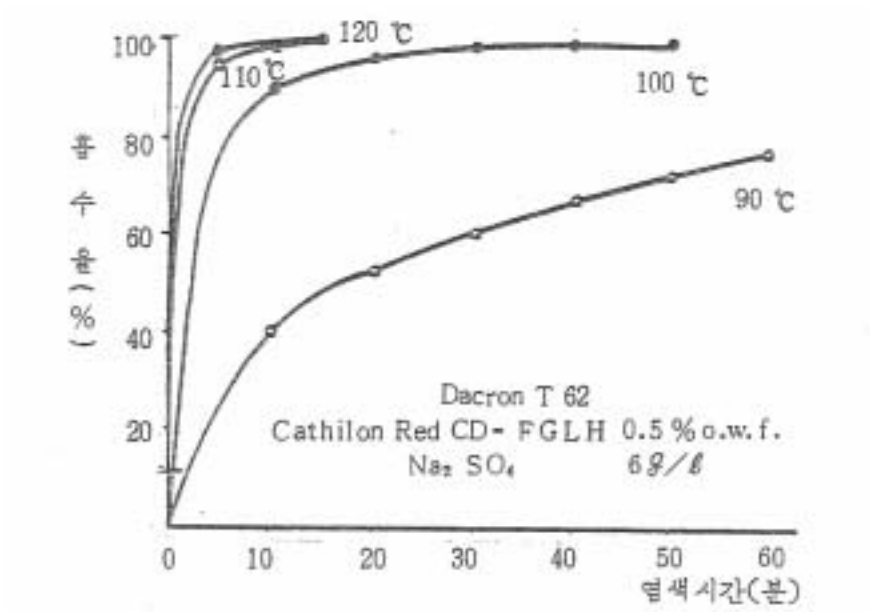
CD-PET 가 ,

100 가 . 110 가

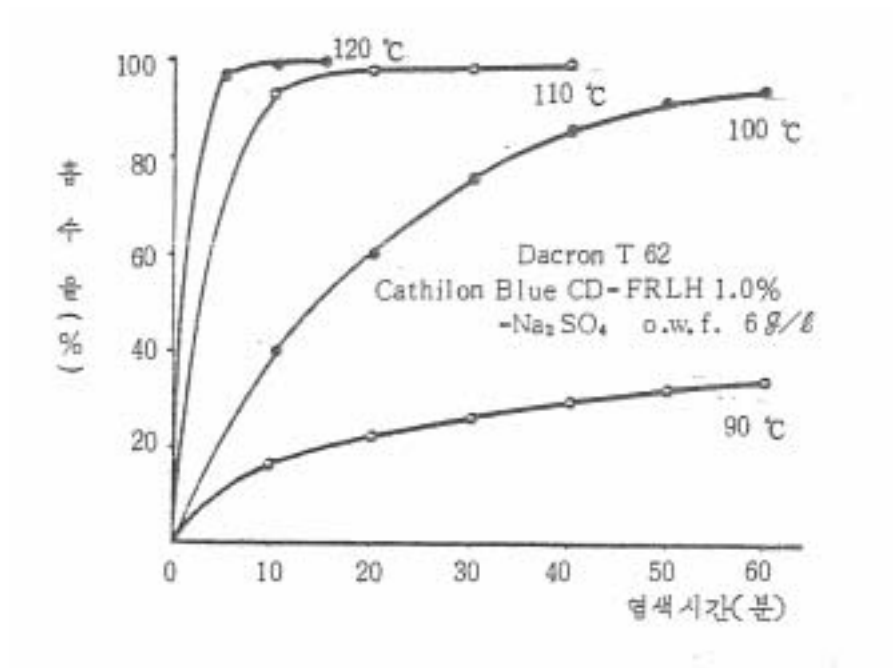
, 90 가 100

가 , 110 가 .

90 90



< 12>



< 13 >

CD-PET

CD-PET

pH ,

가

<pH >

CD-PET

가

pH 3.5~4.5 가

, (CH₃COONa)

pH 3.5~4.5 .

<CD-PET 가 >

CD-PET

가

가

pH, 120

60

가

CD-PET

가

$\text{Na}_2\text{SO}_4, 10\text{H}_2\text{O}$

가

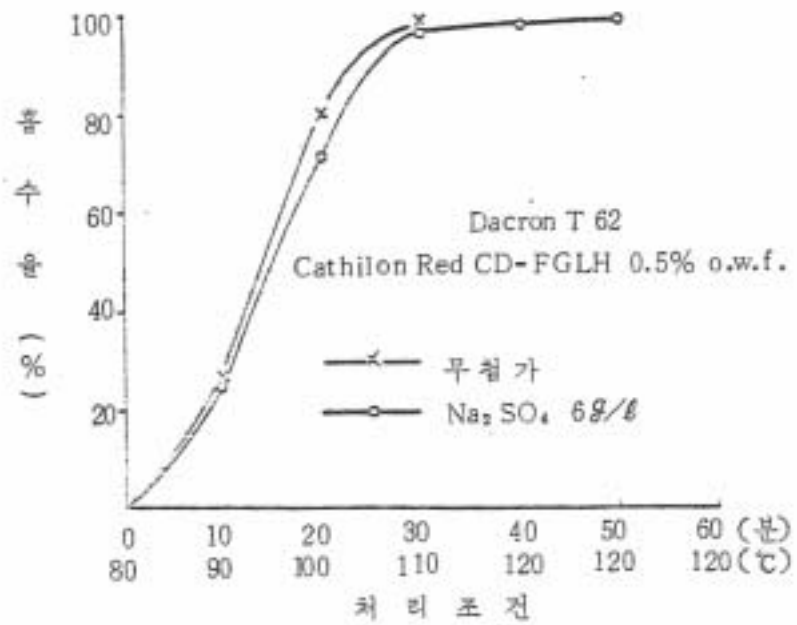
3~6g/l

CD-PET

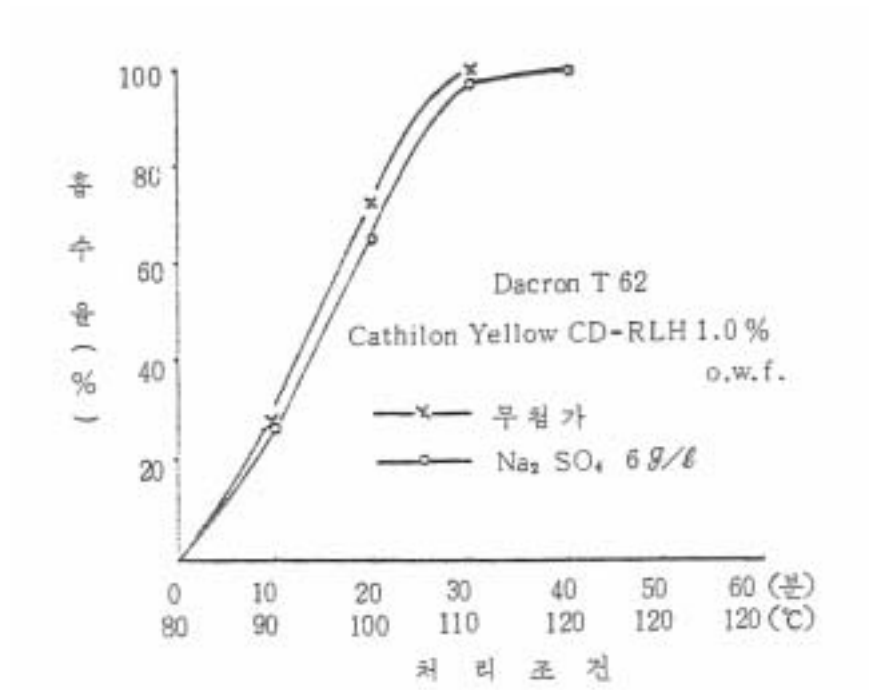
<

14>, <

15>



< 14> Na_2SO_4



< 15> > Na_2SO_4

(100)

. , Na_2SO_4

가 가 가 ,

.

< (carrier)>

, 120

.

, O-phenyl phenol

methyl naphthalene

trichlorobenzene

, CD-PET

, 가 .

CD-PET

Tanatex

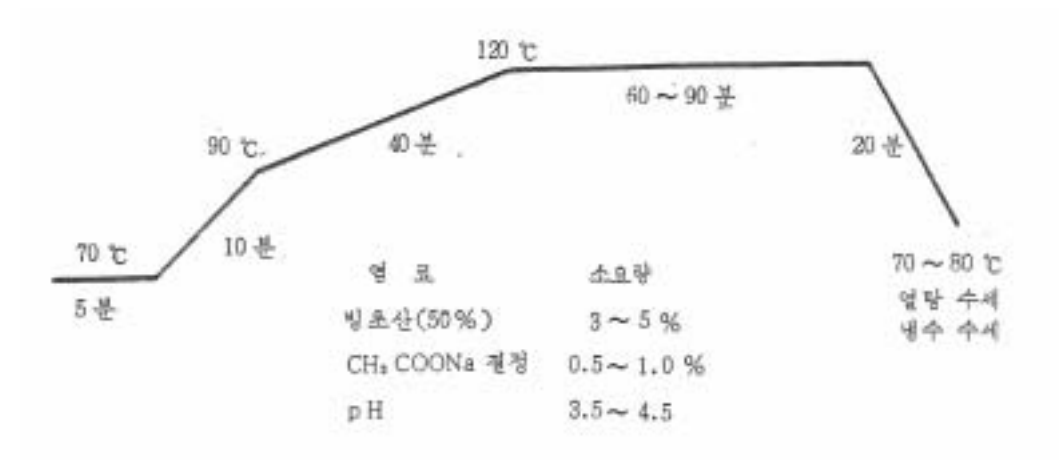
Carolid ELF-C

Chemocarrier

가

< >

. < 16>



< 16>

50~60

,

:

(50%)	3~5%
Na ₂ SO ₄ 10H ₂ O	0.5~1.0%
	1:15~1:60
pH	3.5~4.5
	3~6g/l

70

, 90

40

120

가 . 60~90

70~80 ,

< >

50~60 .

(50%)

3~5%

0.5~1.0%

Cathilon assist E

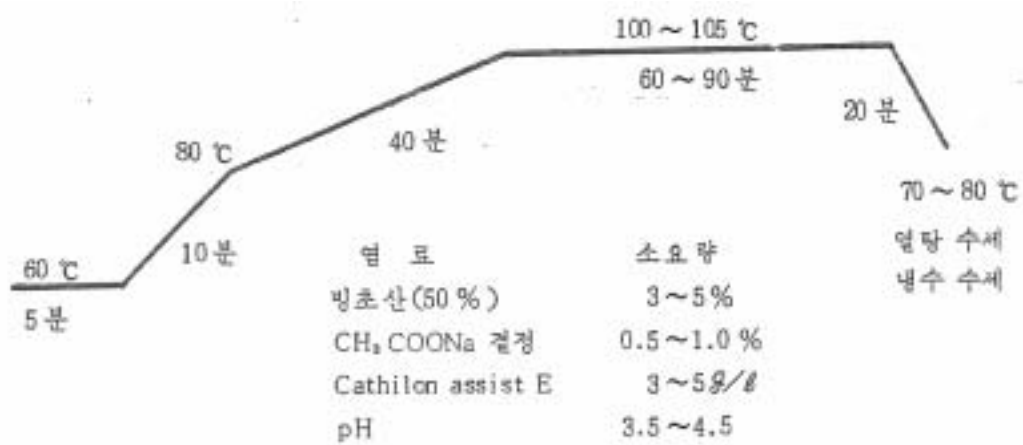
3~5g/l

1:15 ~ 1.:60

pH

3.5~4.5

3~6g/l



60 80 40

100~105 가 . 60~90

.
70~80 ,

.
170~180 10~20

.
.

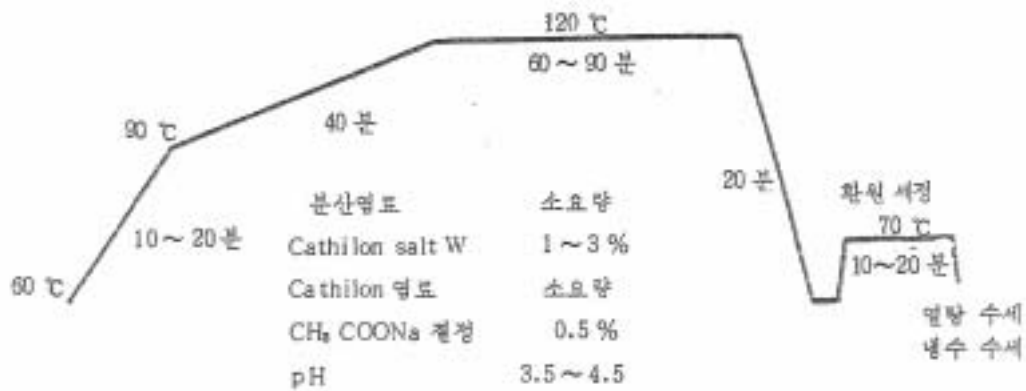
1~2g/l
(50%) 0.5~1g/l
70
15~20

R. C. (Reduction Cleaning) .

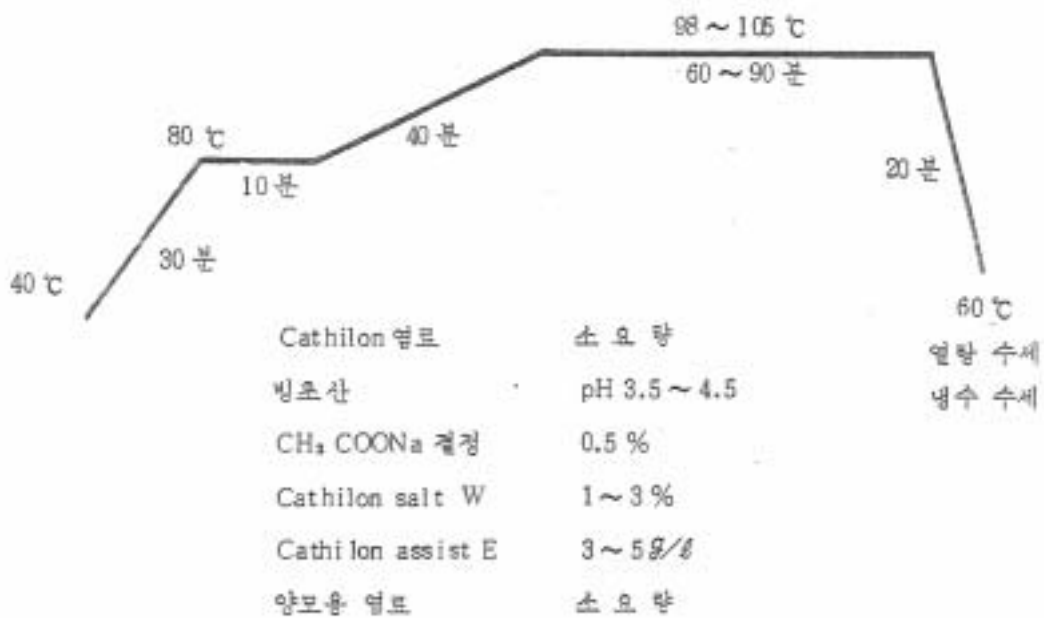
Hydro sulphite 2g/l
 Na_2CO_3 1g/l
70
20

가

.



< 18 >



< 19 >

CD-PET

PET

“ ” 가 .

CD-PET

, CD-

. CD-PET ;

,

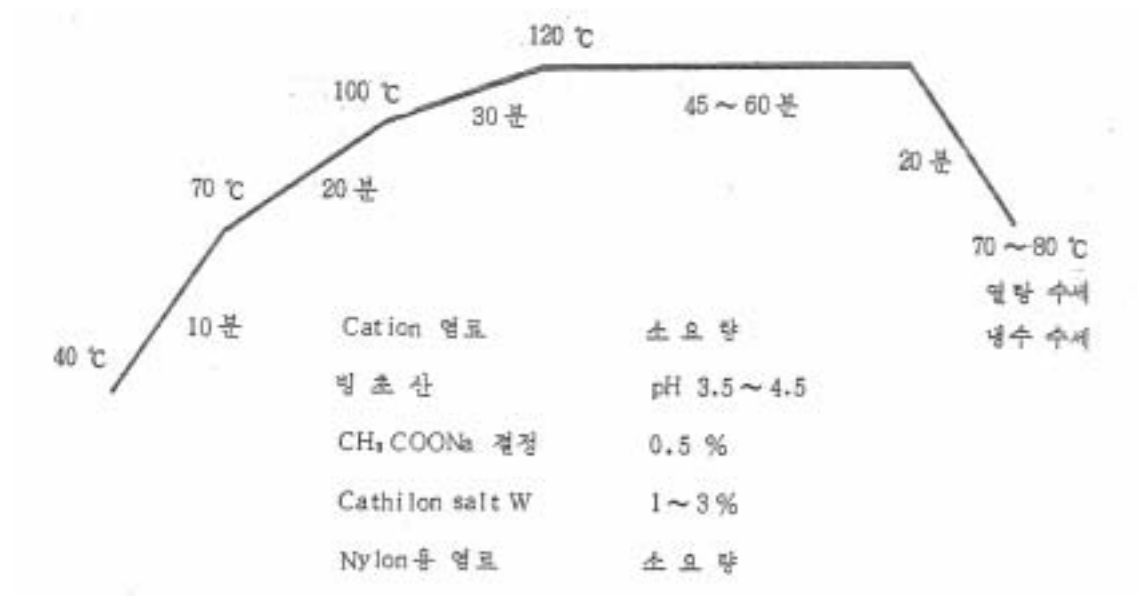
CD-PET 가 .

CD-PET .

. < 19>

CD-PET . <

20>



< 20> CD-PET