

가 (18)

7)

가

70~85%

40~50

. (1,500rpm)

10 (

1kg 10l) 20

50

가

가

. ()

. (

.)

40~50

가 .

가 .

가 가 가 ,

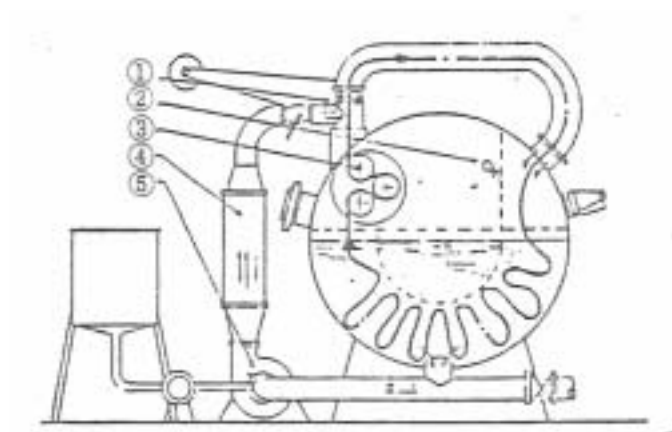
1~2

50

Burlington

Gaston county jet

dyeing machine . < 1>

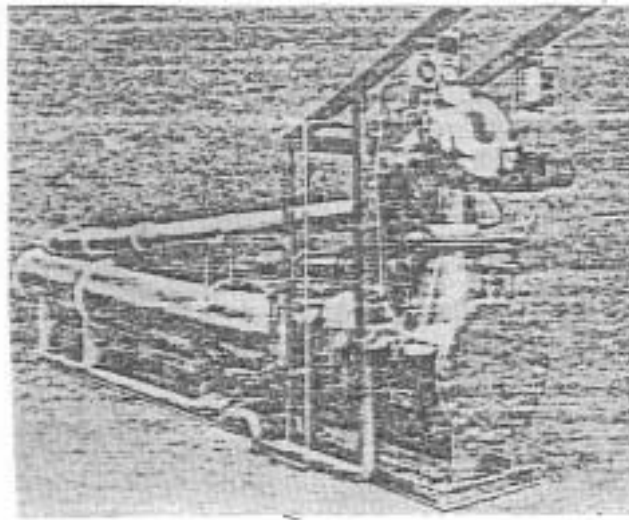


jet dopinjet metaling roll heatexchanger pump

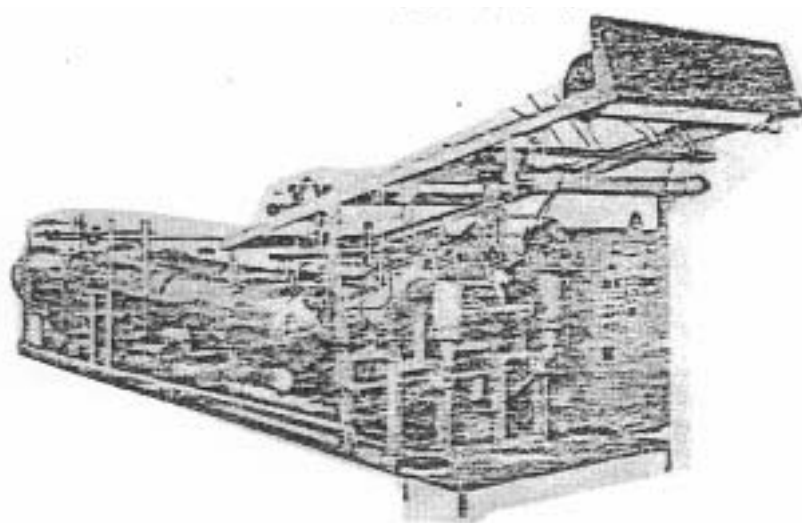
< 1> Gaston Country Jet dyeing m/c

,

. < 2> < 3>



< 2> Circular



< 3> Rapid

Wince

, Wince

reel

,

reel

.

,

.

reel

reelless

.

,

wince

,

Wince

, beam

.

.

가 (200g/m²)

10 /1batch

4,000l(1:20)

100m/min

xg/l()

(NH₄)₂SO₄ 1g/l

CH₃COOH(50%) 1ml/l

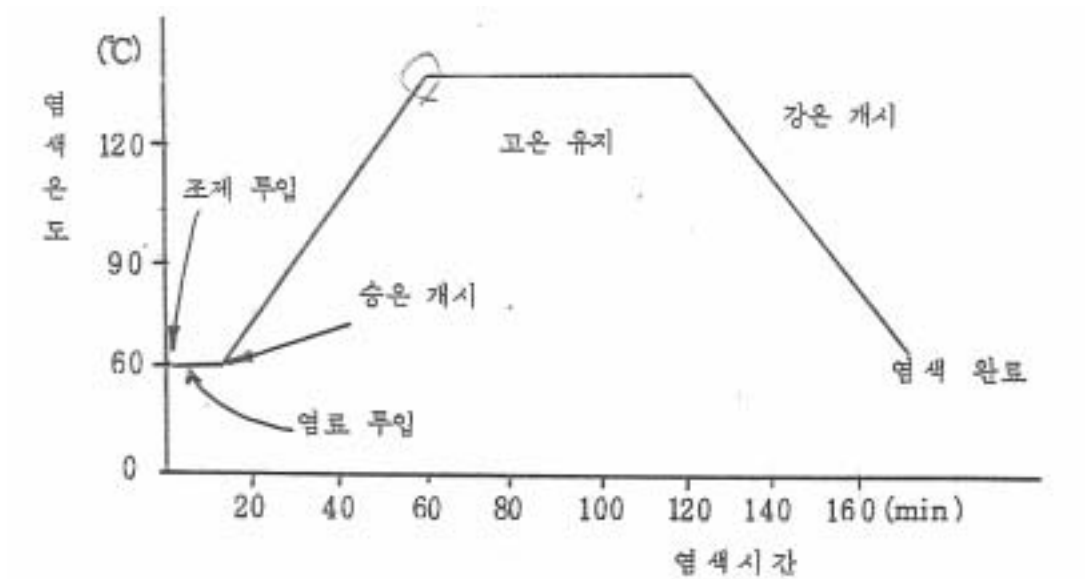
0.2 g/l

< 4> . batch

,

,

.



< 4>

batch 가

, 가 batch 가 ,

batch 가 .

, batch .

$((\text{NH}_4)_2\text{SO}_4)$ pH

. pH가 가

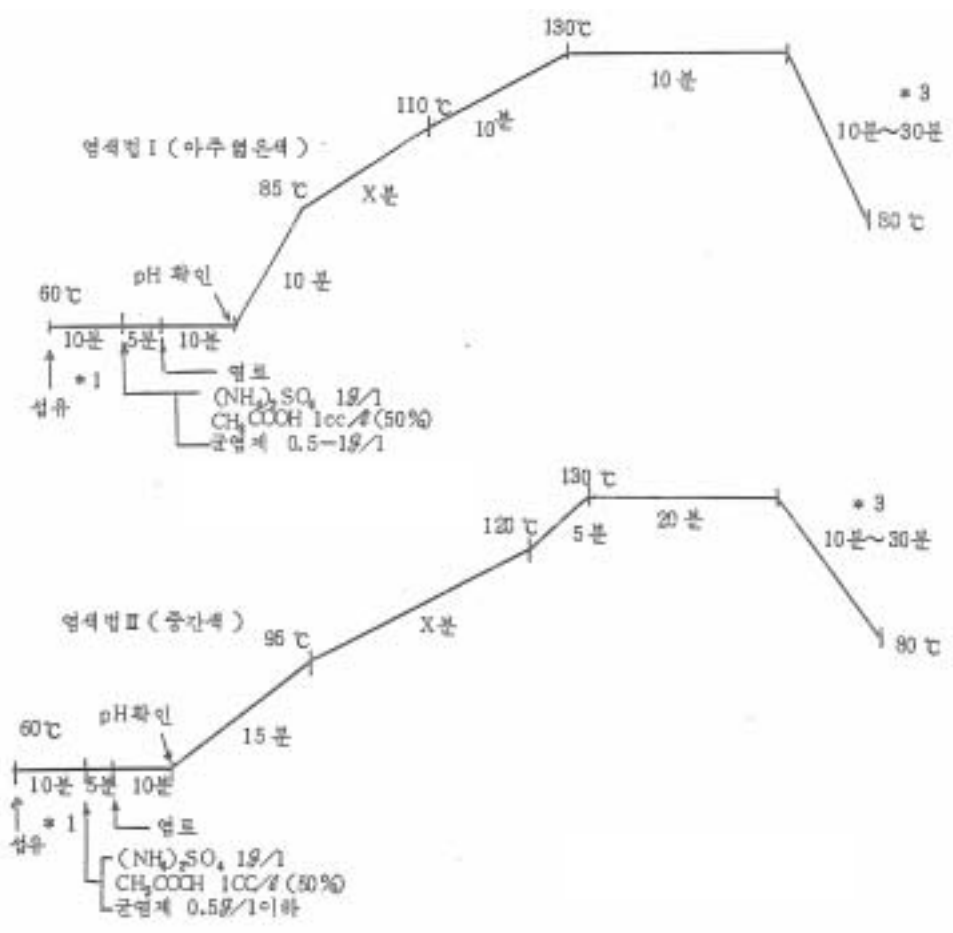
pH 5~6 .

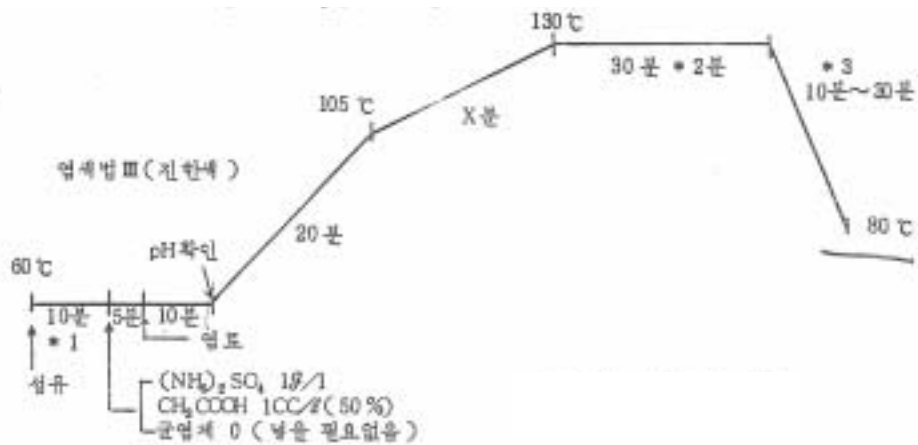
pH가

$(\text{CH}_3\text{COONa})$, ,

가

가





60 가 ,
 10~15

(NH_4)₂SO₄ 2g/l (50%) 1cc/l 가 .
 5 가 .

, 10 60 가

10 pH pH , pH가 6
 가 pH 5.5가 .
 pH

(가 .) ()