

， ， (4)

· CDP

1)

1856 Perkin

Mauve

가

가

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，

· Malachite Green, Methyl Violet

가

acryl

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2

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Cation

1

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Cation

Anion

가

< 12>

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1960

Cation

， 가

polyester(CDP)

가

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·

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acryl

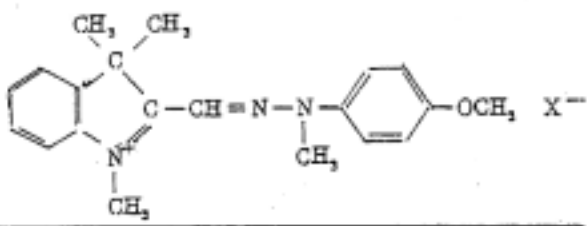
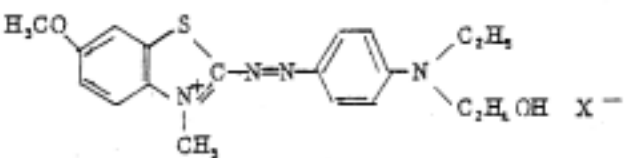
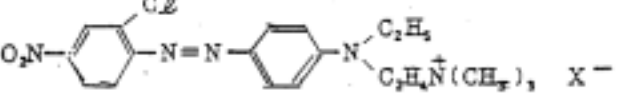
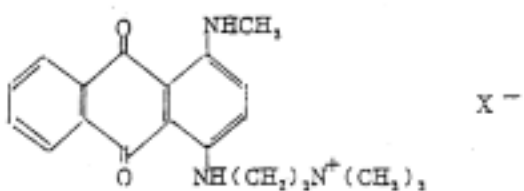
가

Cation

가

(120)

< 12> Cation

Type	化学構造分類	Color Index	化 学 構 造
共 役 型	Azameth- ine	C.I. Basic Yellow 28	
型	Azo	C.I. Basic Blue 4	
絶 縁 型	Azo	C.I. Basic Red 18	
型	Anthra- quinone	C.I. Basic Blue 22	

가

가 , acryl

CDP Cation ,

~ Triazol azo , Thiazal azo

CDP 가 regular polyester, , ,

Anio

Cation

가

carpet

Blue 45

1929

Blankophor B, R

Cellulose

stilbene sulfon

가

Naphthalene sulfon

Cation

formaline

가

, X, Y,

가

Amine alcohol

Anion

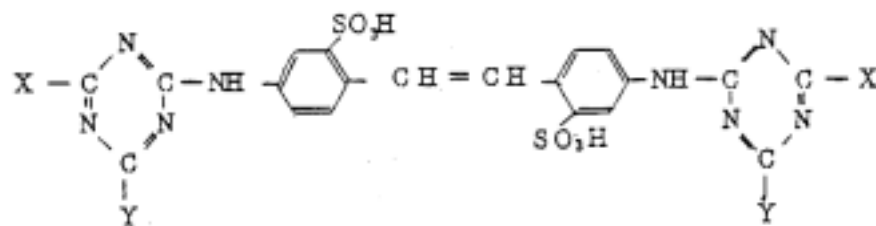
Cation

Basic yellow 15, Basic Red 23, Basic

가

1940

diamino

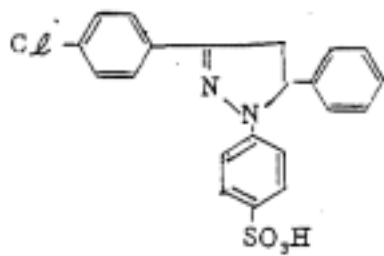


, 가

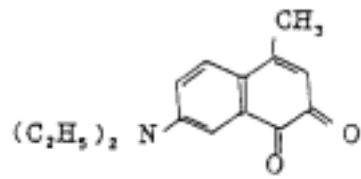
가

. Polyamide

pyrazolin , cumarin



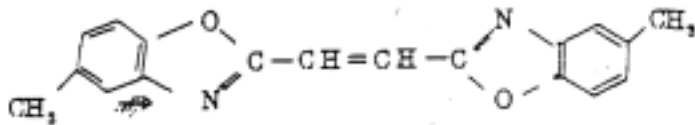
FBA 54



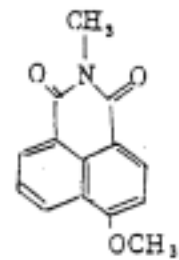
FBA 52

難溶

가



FBA 135



FBA 162

(

.) ,

(press cake)

가 . 1920

(press cake)

sandmill ,

가

Lignine sulfon ,

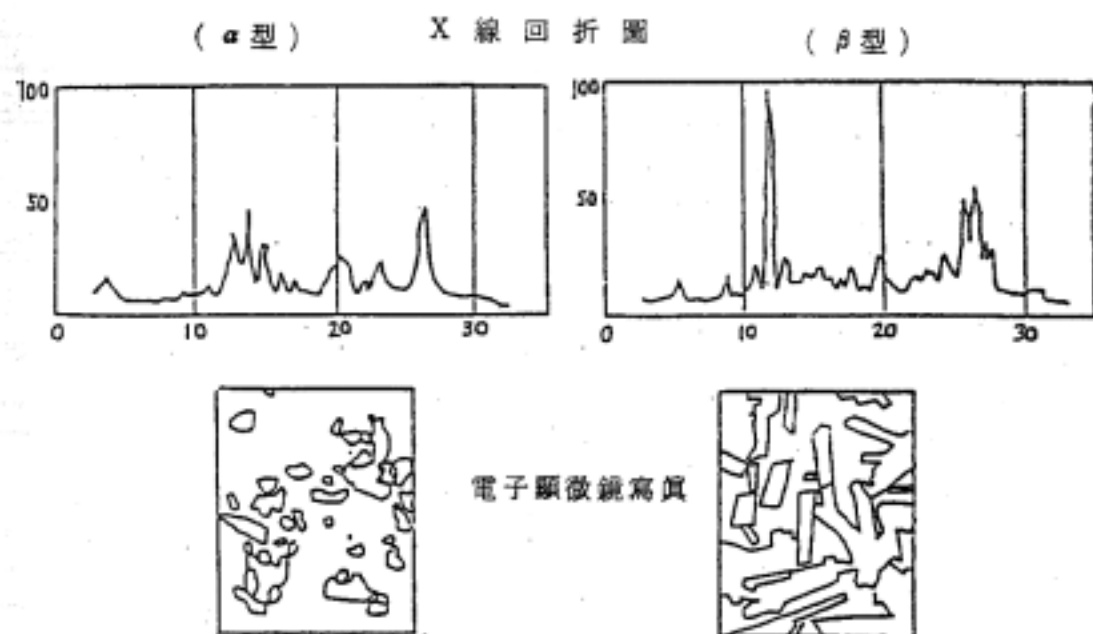
Naphthalene sulfon

Anion 가

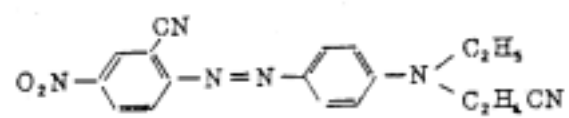
가

, taring

< 9>



< 9> CI Disperse Red 73 (11116)



가 /Hydrosulfite

Anion

가
가

粉 (가)가 가 ,
(grain type)

가

4.

가. 가가 ()

..... , ,
..... heat set, 가
.....

- Rapid 가 가
- 易

, FMS

○ , Grain

○

5.

가.

< 13> .

< 13>

項 目	p . p . m
總 硬 度	0 ~ 30
SiO ₂	15 ~ 20
重 炭 酸 鹽	0
p H	6.5 ~ 7.4
鐵	0.05
망 간	0.05
칼슘	3.0
마 그 네슘	0.5 ~ 1.0
알 루 미 늬	0.5 ~ 1.0
濁 度	3 >
色 度	3 >

.
Ca⁺⁺ Mg⁺⁺ ... , Na- Ca- , Mg-

Fe⁺⁺, Cu⁺⁺ ... Chelate ,

(,)

... ,

... , (Fe, Fe⁺⁺)

... EDTA,

... Thio (),

... ()