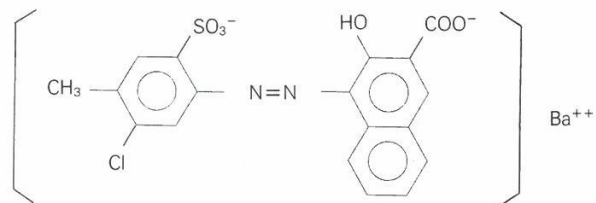


PANAX RED 2BY

C.I. NO 15865: 1 PIGMENT NO. R-4B: 1

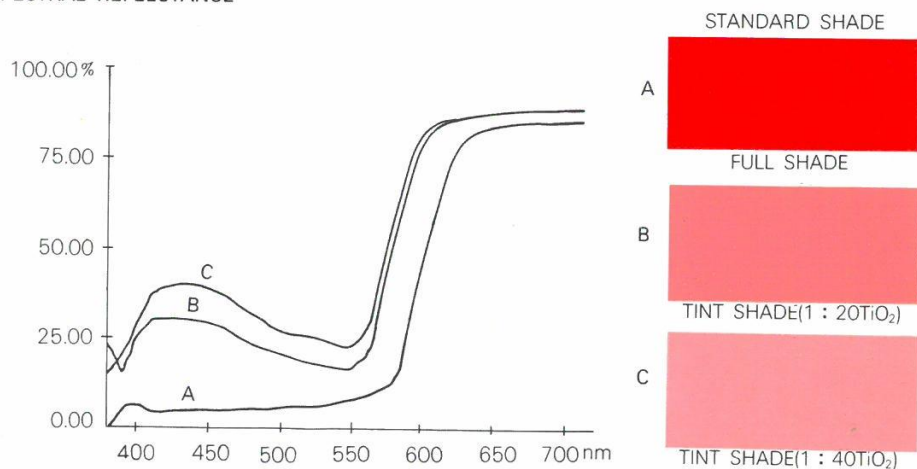
CHEMICAL STRUCTURE : 6-Amino-4-chlor-m-toluenesulfonic acid → 3-Hydroxy-2-naphthoic acid, Barium salt.



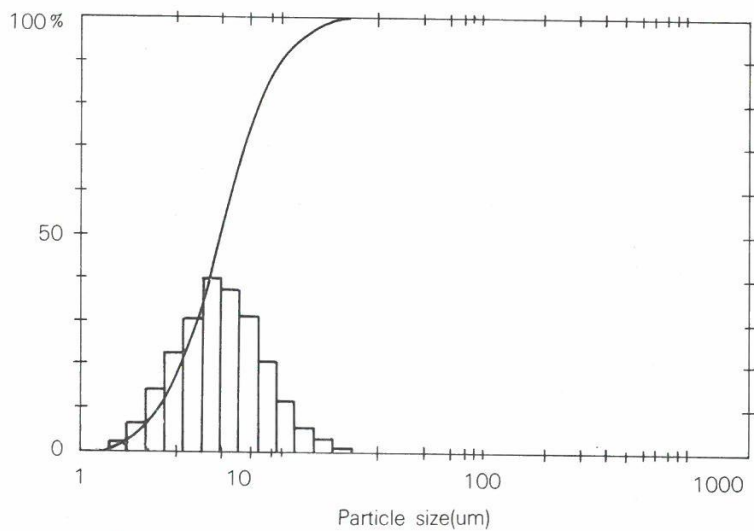
CHEMICAL CLASS : Monoazo

MW : 556

SPECTRAL REFLECTANCE



PATICLE SIZE DISTRIBUTION



PANAX RED 2BY

C.I. NO 15865: 1 PIGMENT NO. R-48: 1

PHYSICAL PROPERTIES

Specific gravity(H ₂ O=1)	2.0
Bulking value(cm ³ /100g)	710
Oil absorption(C.C./100g)	36
Moisture(%)	3.0
Water soluble matter(%)	5.0
pH of aqueous extract	7-9
Hiding power(m ² /ℓ)	7.7

(20% Pigment content in printing ink)

RESISTANCE TO CHEMICALS(5 Scale)

5% HCl	4	5% H ₂ SO ₄	4
5% Na ₂ CO ₃	3	5% NaOH	3

RESISTANCE TO SOLVENTS(5 Scale)

Water	4	Diocetyl phthalate	4
Soap	5	Acetone	3
Mineral spirit	4	Ethyl acetate	3
Linseed oil	3	Xylene	4
Ethyl alcohol	4	Methyl ethyl ketone	4
Butyl alcohol	4	Tricresyl phosphate	2
Diethylene glycol	3		

LIGHT FASTNESS(8 Scale)

Full shade	6	Tint shade(1 : 10TiO ₂)	4
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HEAT RESISTANCE(5 Scale)

210°C /10min	3	150°C /10min	5
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APPLICATION

printing inks	paper
plastics and rubber	artists' color
interior paints	

REMARKS

non-resinated

bright shade

NOTICE : The values presented are typical laboratory averages.
They are intended to serve as guides only and are not sales specification limits.