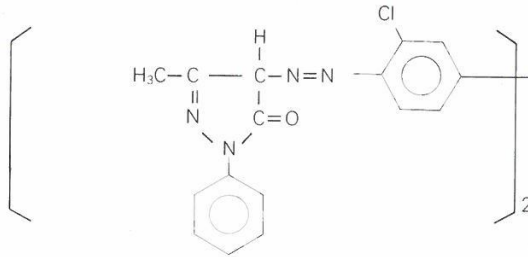


PANAX ORANGE P

C.I. NO 21110

PIGMENT NO. 0-13

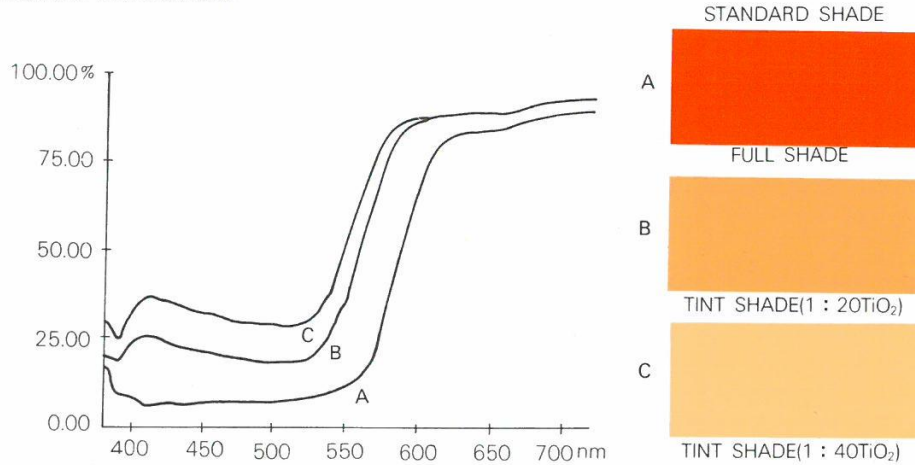
CHEMICAL STRUCTURE : 3,3'-Dichlorobenzidine → 3-methyl-1-5-pyrazolone(2mol)



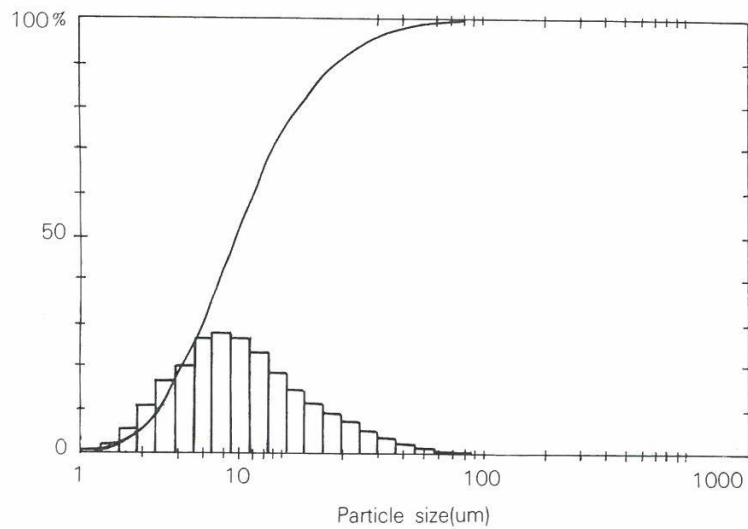
CHEMICAL CLASS : Disazo

MW : 623

SPECTRAL REFLECTANCE



PATICLE SIZE DISTRIBUTION



PANAX ORANGE P

C.I. NO 21110

PIGMENT NO. 0-13

PHYSICAL PROPERTIES

Specific gravity(H ₂ O=1)	1.5
Bulking value(cm ³ /100g)	810
Oil absorption(C.C./100g)	33
Moisture(%)	2.0
Water soluble matter(%)	2.0
pH of aqueous extract	6-8
Hiding power(m ² /ℓ)	11.2
(20% Pigment content in printing ink)	

RESISTANCE TO CHEMICALS(5 Scale)

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

RESISTANCE TO SOLVENTS(5 Scale)

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

LIGHT FASTNESS(8 Scale)

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

210°C /10min	3	150°C /10min	4
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APPLICATION

printing ink artist' color
paint
plastics and rubber

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