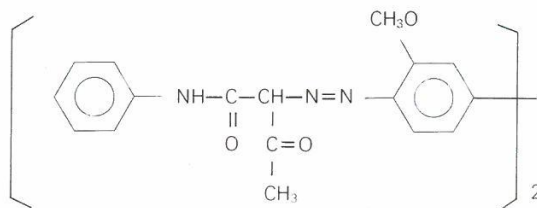


PANAX ORANGE D

C.I. NO 21160 PIGMENT NO. 0-16

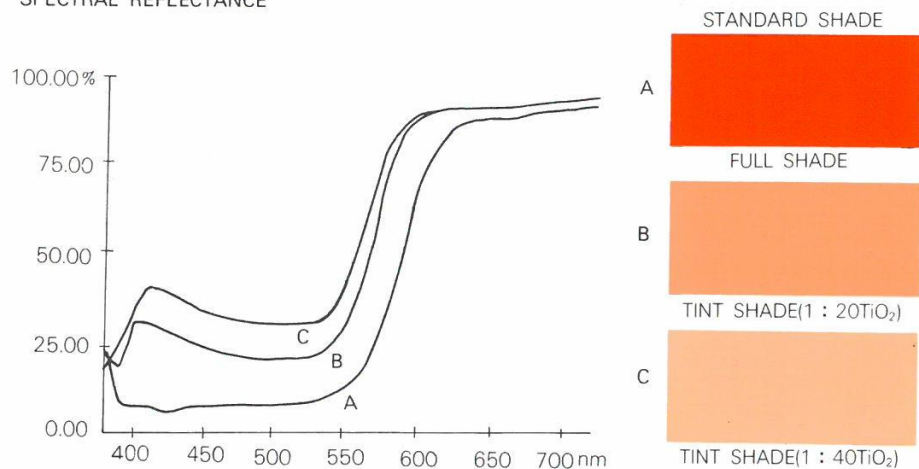
CHEMICAL STRUCTURE : O-Diansidine→Acetoacetanilide(2mol)



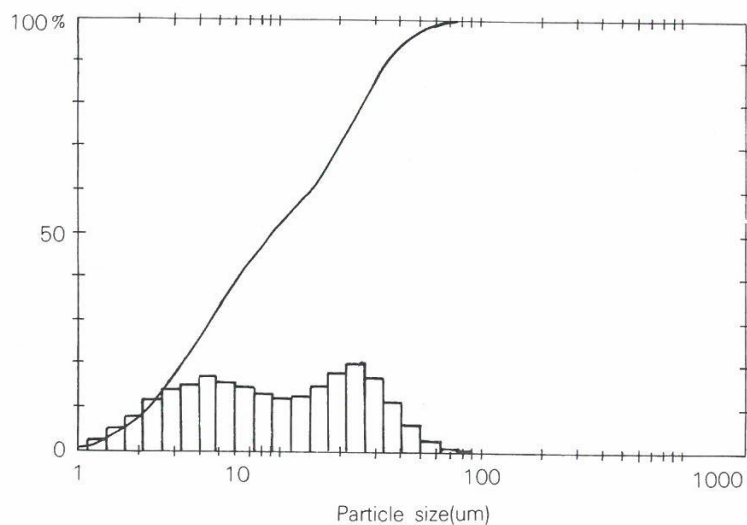
CHEMICAL CLASS : Disazo

MW : 620.6

SPECTRAL REFLECTANCE



PATICLE SIZE DISTRIBUTION



PANAX ORANGE D

C.I. NO 21160 PIGMENT NO. 0-16

PHYSICAL PROPERTIES

Specific gravity(H ₂ O=1).....	1.4
Bulking value(cm ³ /100g).....	920
Oil absorption(C.C./100g).....	28
Moisture(%).....	2.0
Water soluble matter(%).....	2.0
pH of aqueous extract.....	6-8
Hiding power(m ² /ℓ).....	20
(20% Pigment content in printing ink)	

RESISTANCE TO CHEMICALS(5 Scale)

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

RESISTANCE TO SOLVENTS(5 Scale)

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

LIGHT FASTNESS(8 Scale)

Full shade	4	Tint shade(1 : 10TiO ₂)	3
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HEAT RESISTANCE(5 Scale)

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

paints inks artists' color
plastics
plastics and rubber

REMARKS

brilliant reddish shade

NOTICE : The values presented are typical laboratory averages.

They are intended to serve as guides only and are not sales specification limits.