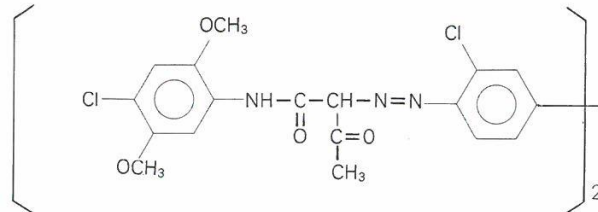


PANAX YELLOW 3R

C.I. NO 21103

PIGMENT NO. Y-33

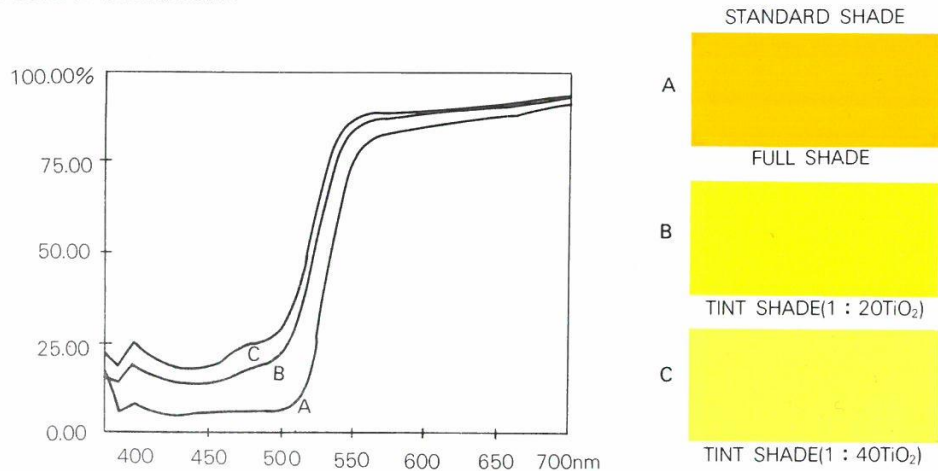
CHEMICAL STRUCTURE : 3,3'-Dichlorobenzidine→Acetoacet-2,5-dimethoxy-4-chloranilide(2mol)



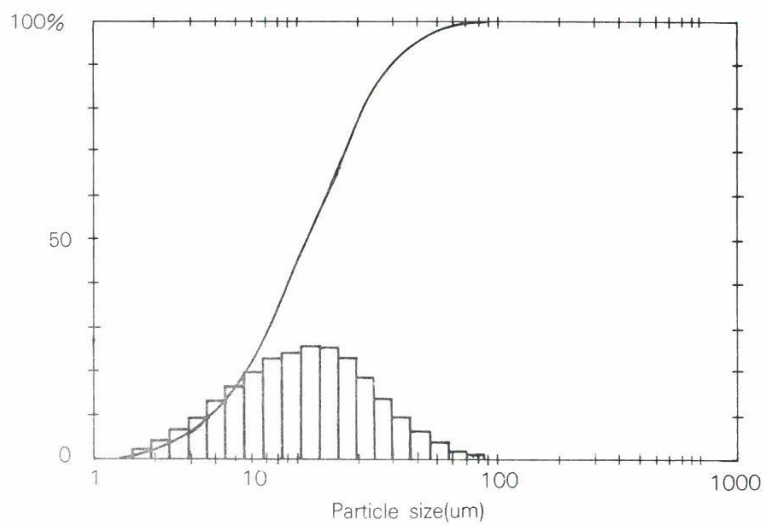
CHEMICAL CLASS : Disazo

MW : 820.5

SPECTRAL REFLECTANCE



PATICLE SIZE DISTRIBUTION



PANAX YELLOW BR

C.I. NO 21008 PIGMENT NO. Y-83

PHYSICAL PROPERTIES

Specific gravity(H ₂ O=1).....	1.4
Bulking value(cm ³ /100g).....	480
Oil absorption(C.C./100g).....	20
Moisture(%).....	2.0
Water soluble matter(%).....	2.0
pH of aqueous extract.....	6~8
Hiding power(m ² /ℓ).....	4.3
(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	5
Soap	5	Acetone	3
Mineral spirit	5	Ethyl acetate	4
Linseed oil	5	Xylene	4
Ethyl alcohol	5	Methyl ethyl ketone	4
Butyl alcohol	5	Tricresyl phosphate	2
Diethylene glycol	5		

LIGHT FASTNESS(8 Scale)

Full shade	7	Tint shade(1 : 10TiO ₂)	6
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HEAT RESISTANCE(5 Scale)

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

printing ink	paper
paint	artists' color
plastics	textile printing

REMARKS

high strength
transparent
good dispersible

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