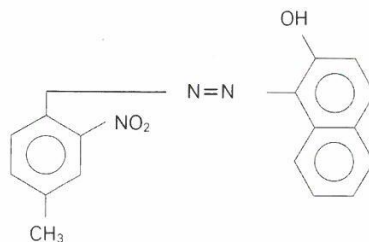


PANAX RED B

C.I. NO 12120 PIGMENT NO. R-3

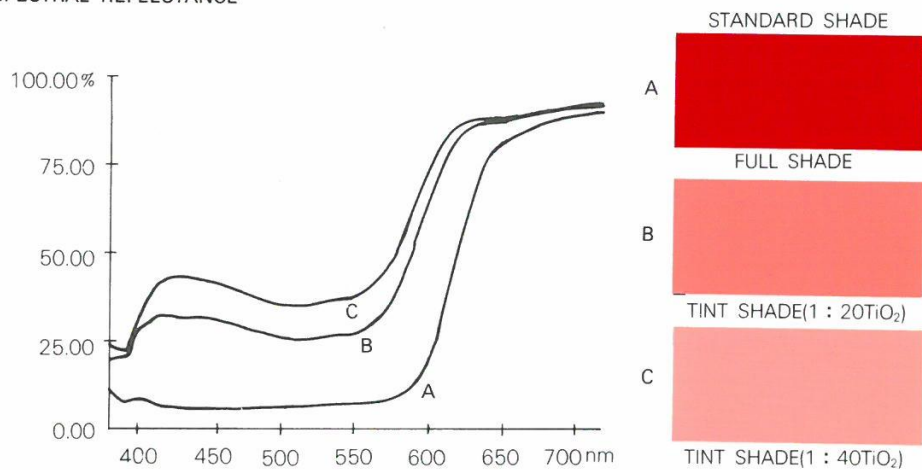
CHEMICAL STRUCTURE : m-Nitro-p-toluidine → Beta naphthol



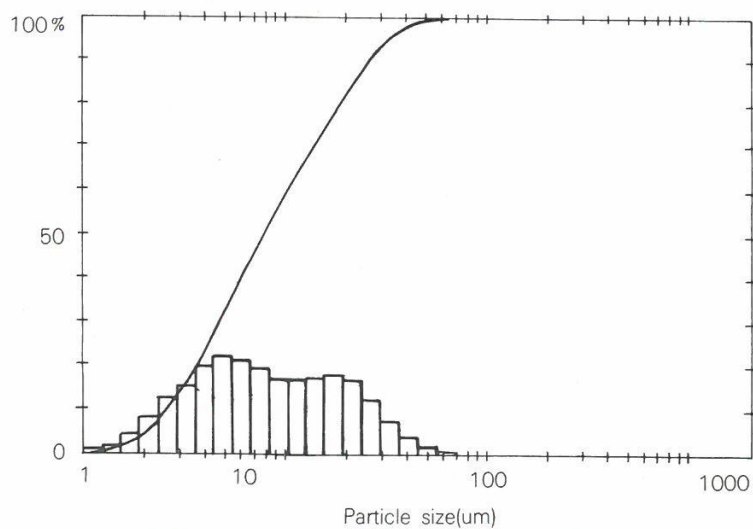
CHEMICAL CLASS : Monazo

MW : 307.1

SPECTRAL REFLECTANCE



PATICLE SIZE DISTRIBUTION



PANAX RED B

C.I. NO 12120 PIGMENT NO. R-3

PHYSICAL PROPERTIES

Specific gravity(H ₂ O=1)	1.4
Bulking value(cm ³ /100g)	850
Oil absorption(C.C./100g)	37
Moisture(%)	2.0
Water soluble matter(%)	2.0
pH of aqueous extract	6-8
Hiding power(m ² /ℓ)	7.1
(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	4	5% NaOH	4

RESISTANCE TO SOLVENTS(5 Scale)

Water	5	Diocetyl phthalate	3
Soap	3	Acetone	2
Mineral spirit	3	Ethyl acetate	2
Linseed oil	3	Xylene	3
Ethyl alcohol	2	Methyl ethyl ketone	1
Butyl alcohol	2	Tricresyl phosphate	3
Diethylene glycol	3		

LIGHT FASTNESS(8 Scale)

Full shade	7	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

paints
printing ink
artist' color

REMARKS

standard type

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