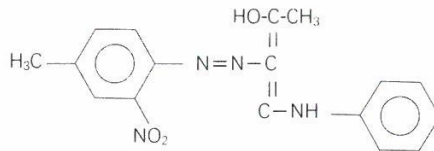


# PANAX YELLOW FG

C.I. NO 11680      PIGMENT NO. Y-1

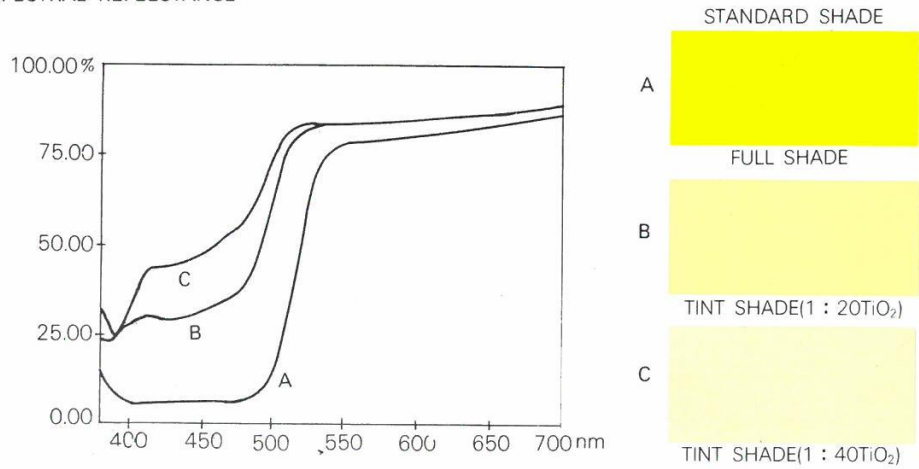
CHEMICAL STRUCTURE : m-Nitro-p-toluidine → Acetoacetanilide



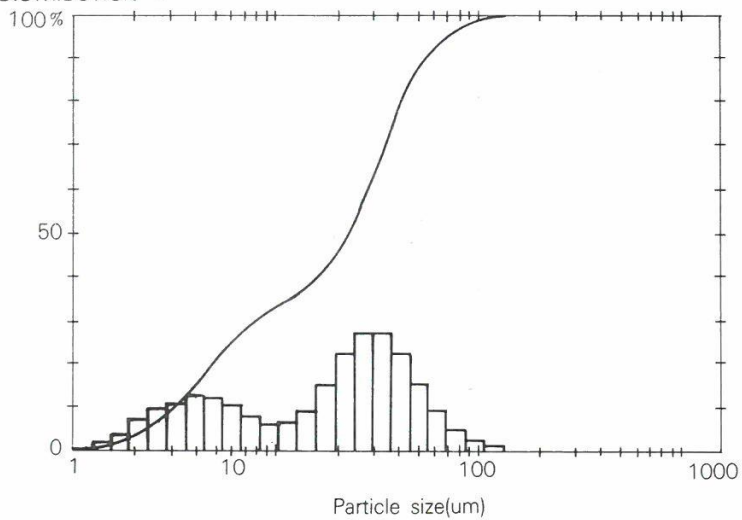
CHEMICAL CLASS : Monoazo

MW : 340.3

SPECTRAL REFLECTANCE



PATICLE SIZE DISTRIBUTION



# PANAX YELLOW FG

C.I. NO 11680      PIGMENT NO. Y-1

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## PHYSICAL PROPERTIES

Specific gravity(H <sub>2</sub> O=1).....	1.6
Bulking value(cm <sup>3</sup> /100g).....	820
Oil absorption(C.C./100g).....	28
Moisture(%).....	2.0
Water soluble matter(%).....	2.0
pH of aqueous extract.....	6.5~8.5
Hiding power(m <sup>2</sup> /ℓ).....	4.9

(20% Pigment content in printing ink)

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## RESISTANCE TO CHEMICALS(5 Scale)

5% HCl	5	5% H <sub>2</sub> SO <sub>4</sub>	5
5% Na <sub>2</sub> CO <sub>3</sub>	5	5% NaOH	5

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## RESISTANCE TO SOLVENTS(5 Scale)

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

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## LIGHT FASTNESS(8 Scale)

Full shade	7	Tint shade(1 : 10TiO <sub>2</sub> )	6
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## HEAT RESISTANCE(5 Scale)

210C /10min	2	150C /10min	3
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## APPLICATION

aqueous emulsion paint

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## REMARKS

bright reddish shade

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