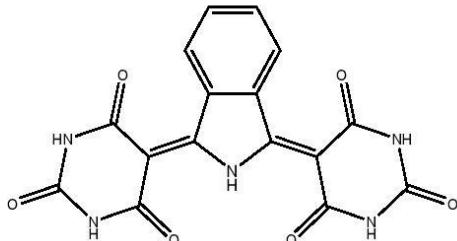


TECHNICAL DATA SHEET

Edition 19/09/2011

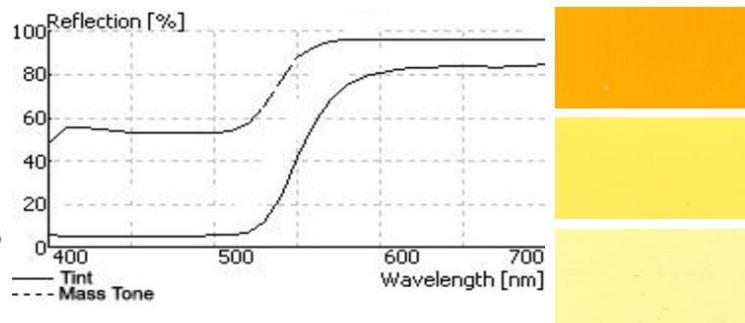
CATHAYCOLOR® FAST YELLOW 3R

PRODUCT CODE :	P01139-100
C.I. Constitution No.:	56298
CAS No.:	36888 - 99 - 0
EU No.:	253 - 256 - 2
Empiric formula :	C ₁₆ H ₉ N ₃ O ₆
M.W.:	367,27
Composition :	C 52,3 % H 2,5 % N 19,1 % O 26,1 %
Standardization :	Air-drying solvent based paints (alkyd)



ORGANIC PIGMENTS PIGMENT DISPERSIONS

PY-139



TECHNICAL PROPERTIES

Very fast yellow pigment, red shade, alternative as potential replacement of lead chrome based pigments.

PHYSICAL DATA

Density (gr/cm ³)	1,72
Bulk volume (lit/kg)	5,0
Oil value (gr. linseed oil / 100 gr. pigment)	50
Specific surface (m ² /gr)	25

APPLICATION PROFILE

Oil inks	Liquid inks	Paints	Plastics	
Sheetfed	NC alcohol	Air drying alkyds	■ PE	● Amino
Heatset	NC ester	Stoving enamels	■ PP	● Epoxi
Coldset	Waterbased	Lacquers	■ PVC (R,P)	● Phenolic
Silkscreen	PVB	Acid cured	■ Rubber	● Polyester
Metal deco	Polyamide	Amine cured epoxi	■ Plastisols	●
UV Litho	Pub. Gravure	Isocyanate cured	■ ABS	
	Wood laminates	Univ. Tinters	■ PS	●
	UV flexo	Waterborne	○ POM	
		Wood stains	PET	
		Powder coatings	● PUR	●
		Coil coatings	○ Shrinkage in PE-HD : Slight	

■ : Highly recommended
● : Recommended
○ : Limited suitability
--- : Not recommended

Resin content

n.a.

Water content

≤ 2,0 %

FASTNESS PROPERTIES

Lightfastness

- in mass tone :	8	Synthetic detergent	5
- in reduction :	7	Wax	5
Temperature : in print	200°C	Fats	5
● In PVC at 180°C	5	Dry clearing solvents	5
● 15 mn. in PE	250°C	MEKs	5
● 15 mn. in PP	260°C	Mineral Spirits	5
● 15 mn. in PS	260°C	Ethanol	5
15 mn. in ABS	275°C	Buthanol	5
ΔE* 10' 200°C in EP / PE	≤ 1,0	Butyl Glycol	5
ΔE* 10' 200°C in EP / TGIC	≤ 1,0	Ethyl acetate	5
Sterilization	Yes	Butyl acetate	5
Water	5	Toluene	5
Alkali	4 - 5	DOP	5
Acid	5	Migration in PVC	5
Soap	5	Fastness to overpainting (NC)	5