

# Technical Datasheet

## Product description

Color Index Pigment Yellow 83  
Yellow 8028



## Technical properties

Permanent Yellow 83 is strong reddish shade Yellow pigment with good resistance to both light and solvents. It's a semi-transparent pigments, suitable for plastics.

## Physical Data

Moisture (%)  $\leq 1.5$   
Water Soluble Matter (%)  $\leq 1.5$   
Oil Absorption (ml/100g) 35-45  
Electric Conductivity (us/cm)  $\leq 500$   
Fineness (120mesh) %  $\leq 5.0$   
PH Value 7.0-8.0

## Fastness Properties (5=excellent, 1=poor)

Acid Resistance 5  
Alkali Resistance 5  
Alcohol Resistance 5  
Ester Resistance 4-5  
Benzene Resistance 4  
Ketone Resistance 4  
Overpainting 3  
Bleeding Resistance 5  
Migration Resistance 4-5  
Heat Resistance (°C) 200 for plastic, 180 for inks & paint  
Light Fastness (8=excellent) 7 for plastic, 6 for inks & paint

**Applications:** ⊙ main use ○ suggest using

INK			Coating		Plastics	
Offset ink	offset ink	⊙	Industrial Paint		PVC	⊙
	Metal Deco		Coil Coating		PO	⊙
Gravure Ink	PA		Powder Coating		Fiber	⊙
	CI-PP		Water based Deco Paint	○	PP	○
	NC		Solvent based Deco Paint		PS/PC/PA	
	PU		OEM/Refinish Paints		PU	
Flexo Ink	Alcohol base		Textile Printing	○		
	Water base	○				
Screen Ink		○				
UV Ink		○				