

# TECHNICAL DATA SHEET

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## 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

## Application

Recommend for plastics, masterbatch.

## Physical Data

Moisture (%)	≤1.5
Water Soluble Matter (%)	≤1.0
Oil Absorption (ml/100g)	35-45
Electric Conductivity (us/cm)	≤500
Fineness (80mesh) %	≤5.0
PH Value	6.5-7.5

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

Acid Resistance	5
Alkali Resistance	5
Alcohol Resistance	5
Ester Resistance	5
Benzene Resistance	5
Ketone Resistance	5
Soap Resistance	5
Bleeding Resistance	5
Migration Resistance	5
Heat Resistance (°C)	200
Light Fastness (8=excellent)	7

## Certificate of Analysis

Product Name: Pigment Yellow  
Color Index: PIGMENT Yellow 83  
Star Chem Code: Star Chem Orange 8028  
Package: 25kg of bag  
Production Date: 2017/1/11

Tint/Colour Strength %	95-105	100
Shade/Hue	Similar	Similar
DL (Lightness)	-0.7-0.7	0.15
Da	-0.7-0.7	-0.58
Db	-0.7-0.7	0.26
DC (Chroma)	-0.7-0.7	0.29
DH	-0.7-0.7	0.56
DE	0-1.0	0.65
Conclusion of Inspection:	PASS	
Remark:	This pigment contains no aniline and benzidine.	