

# TECHNICAL DATA SHEET

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## Product description

Color Index Pigment Orange 13  
Orange 8040

## Technical properties

It is a semi-opaque pigment of moderate fastness to light, and good fastness to heat and solvents. Its uses are in all types of printing inks and paints.

## Application

Recommended for Textile Printing, Water Based Inks.  
Suggested for Powder Coating, Offset Inks, PA Inks, NC Inks, UV Inks, PVC, PO.

## Physical Data

Moisture (%)  $\leq 2.0$   
Water Soluble Matter (%)  $\leq 1.5$   
Oil Absorption (ml/100g) 30-40  
Electric Conductivity (us/cm)  $\leq 500$   
Fineness (80mesh) %  $\leq 5.0$   
PH Value 6.0-7.0

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

Acid Resistance 4  
Alkali Resistance 4  
Alcohol Resistance 4  
Ester Resistance 4  
Benzene Resistance 4  
Ketone Resistance 4  
Soap Resistance 4  
Bleeding Resistance 4  
Migration Resistance 4  
Heat Resistance ( $^{\circ}\text{C}$ ) 180  
Light Fastness (8=excellent) 6

## Certificate of Analysis

Product Name: Fast Orange  
Color Index: PIGMENT ORANGE 13  
Star Chem Code: Star Chem Orange 8040  
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
Da	-0.7-0.7	-0.24
Db	-0.7-0.7	-0.2
DC (Chroma)	-0.7-0.7	-0.31
DH	-0.7-0.7	-0.05
DE	0-1.0	0.32
Transparency	3 Opaque to 3 Trans.	1 opaque
Conclusion of Inspection:		
PASS		
Remark:		
This pigment contains no aniline and benzidine.		