

# HANGZHOU HANHAO CHEMICAL CO., LTD

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## TECHNICAL DATA SHEET

### Product Description:

Product Name:	Fast Yellow 3RP
Color Index:	Pigment Yellow 183
C.I.No.	18792
CAS No.	65212-77-3
EC No.	265-634-4
Chemical Nature:	Mono azo
Chemical Formula	$C_{16}H_{10}CaCl_2N_4O_7S_2$

### Technical Properties:

A reddish pigment powder, with excellent heat resistance, good migration resistance, good weather, light fastness.

### Application:

Recommend: Plastics, powder coating.

Suggested for printing inks.

### Physical Properties

Density(g/cm <sup>3</sup> )	1.42
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	7.0-8.0

### Fastness Properties ( 5=Excellent, 1=Poor)

Acid Resistance	5	Soap Resistance	5
Alkali Resistance	5	Bleeding Resistance	5
Alcohol Resistance	4	Migration Resistance	5
Ester Resistance	4	Heat Resistance (°C)	300
Benzene Resistance	4	Light	7-8
Ketone Resistance	4	Fastness(8=Excellent)	

**Note:** The above information is provided as guidelines for your reference only.  
The accurate effects should base on the test results in laboratory.