

# HANGZHOU HANHAO CHEMICAL CO., LTD

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## TECHNICAL DATA SHEET

### Product Description:

Product Name:	Fast Orange R
Color Index:	Pigment Orange 16
C.I.No.	21160
CAS No.	6505-28-8
EC No.	229-388-1
Chemical Nature:	Dis azo
Chemical Formula	$C_{34}H_{32}N_6O_6$

### Technical Properties:

Semi-transparent pigment, with good performance in print ink.

### Application:

Recommend: Water based ink, offset inks.

Suggested for PA inks, PP inks, NC inks.

### Physical Properties

Density(g/cm3)	1.40
Moisture (%)	≤2.0
Water Soluble Matter	≤1.5
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	Soap Resistance	4
Alkali Resistance	4	Bleeding Resistance	4
Alcohol Resistance	4	Migration Resistance	4
Ester Resistance	4	Heat Resistance (°C)	180
Benzene Resistance	3	Light	7
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.