

# HANGZHOU HANHAO CHEMICAL CO., LTD

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## TECHNICAL DATA SHEET

### Product Description:

Product Name:	Fast Orange RN
Color Index:	Pigment Orange 5
C.I.No.	12075
CAS No.	3468-63-1
EC No.	222-429-4
Chemical Nature:	Mono azo
Chemical Formula	C <sub>16</sub> H <sub>10</sub> N <sub>4</sub> O <sub>5</sub>

### Technical Properties:

Brilliant reddish color and strong color strength.

### Application:

Recommended for industrial paints.

Suggested for water based paints, solvent based paints, coil coatings, textile printing.

### Physical Properties

Density(g/cm <sup>3</sup> )	1.40
Moisture (%)	≤2.0
Water Soluble Matter	≤1.5
Oil Absorption (ml / 100g)	30-40
Electric conductivity (us/cm)	≤500
Fineness(80mesh)	≤5.0
PH value	4.0-5.0

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

Acid Resistance	4	Soap Resistance	3
Alkali Resistance	4	Bleeding Resistance	4
Alcohol Resistance	4	Migration Resistance	4
Ester Resistance	3	Heat Resistance (°C)	150
Benzene Resistance	3	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.