

# HANGZHOU HANHAO CHEMICAL CO., LTD

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## TECHNICAL DATA SHEET

### Product Description:

Product Name:	Fast Red FGR
Color Index:	Pigment Red 112
C.I.No.	12370
CAS No.	6535-46-2
EC No.	229-440-3
Chemical Nature:	Mono azo
Chemical Formula	$C_{24}H_{16}Cl_3N_3O_2$

### Technical Properties:

Fast Red FGR is a yellowish red pigment, with opacity and good resistance, good storage stability.

### Application:

Recommend: Water based inks, water based paints, textile printing

Suggested for solvent based ink, powder coating

### Physical Properties

Density(g/cm3)	1.35
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	7.0-8.0

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

Acid Resistance	4	Soap Resistance	5
Alkali Resistance	4	Bleeding Resistance	-
Alcohol Resistance	4	Migration Resistance	-
Ester Resistance	3	Heat Resistance (°C)	180
Benzene Resistance	3	Light	7-8
Ketone Resistance	3	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.