

HANGZHOU HANHAO CHEMICAL CO., LTD

Plant: Jiangdong Development Zone, Great Jiangdong District, Hangzhou China

Office: 2103 Bldg1, Dacheng Plaza, Shixin Road, Xiaoshan, Hangzhou, China

Tel:+86-571-82502631/82551631 **Fax:**+86-571-82722631

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/cm ³)	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.