

# HANGZHOU HANHAO CHEMICAL CO., LTD

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## TECHNICAL DATA SHEET

### Product Description:

Product Name:	Fast Red F2R
Color Index:	Pigment Red 2
C.I.No.	12310
CAS No.	6041-94-7
EC No.	227-930-1
Chemical Nature:	Mono azo
Chemical Formula	$C_{23}H_{15}Cl_2N_3O_2$

### Technical Properties:

With bright scarlet shade and good light fastness, having yellowish shade and good luster.

### Application:

Recommend: Water based inks, textile printing.  
Suggested for water based paints, offset inks, NC inks.

### Physical Properties

Density(g/cm <sup>3</sup> )	1.50
Moisture (%)	≤2.0
Water Soluble Matter	≤1.5
Oil Absorption (ml / 100g)	40-50
Electric conductivity (us/cm)	≤500
Fineness(80mesh)	≤5.0
PH value	6.5-7.5

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

Acid Resistance	4	Soap Resistance	5
Alkali Resistance	4	Bleeding Resistance	4
Alcohol Resistance	4	Migration Resistance	-
Ester Resistance	3	Heat Resistance (°C)	160
Benzene Resistance	3	Light	6
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.