

HANGZHOU HANHAO CHEMICAL CO., LTD

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TECHNICAL DATA SHEET

Product Description:

Product Name:	Toluidine Red RN
Color Index:	Pigment Red 3
C.I.No.	12120
CAS No.	2425-85-6
EC No.	219-372-2
Chemical Nature:	Mono azo
Chemical Formula	$C_{17}H_{13}N_3O_3$

Technical Properties:

With bright opaque red of very good light fastness in full shade.

Application:

Recommend: Industrial paints.

Suggested for water based paints, solvent based paints and textile printing.

Physical Properties

Density(g/cm ³)	1.50
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	6.5-7.5

Fastness Properties (5=Excellent, 1=Poor)

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