

# TIANKI (CHINA) ENTERPRISE CO., LTD.



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## TECHNICAL DATA SHEET

### Product Description:

Product Name: Permanent 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

### Technical Properties:

Semi-transparent, bright scarlet shade, with good light fastness, having red shade and good luster

### Application:

Recommend: water-based inks

### Physical Properties

Density(g/cm <sup>3</sup> )	1.5
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	5	Soap Resistance	5
Alkali Resistance	3	Bleeding Resistance	4
Alcohol Resistance	4	Migration Resistance	-
Ester Resistance	3	Heat Resistance (°C)	140
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.