

# TIANKI (CHINA) ENTERPRISE CO., LTD.



Plant:Nanyang ETDZ, Xiaoshan District Hangzhou China  
Tel:+86-571-82778679 Fax:+86-571-82778609 Email:sales@tkechem.com

## TECHNICAL DATA SHEET

### Product Description:

Product Name: Permanent Orange G  
Color Index: Pigment Orange 13  
C.I.No. 21110  
CAS No. 3520-72-7  
EC No. 222-530-3  
Chemical Nature: Disazo

### Technical Properties:

Semi-transparent, reddish shade orange pigment, semi-opaque pigment of moderate fastness to light and water, and good fastness to heat and solvents

### Application:

Recommend: water-based inks, industrial paint and water based decorative paint

### Physical Properties

Density(g/cm <sup>3</sup> )	1.4-1.5
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	4
Alkali Resistance	4	Bleeding Resistance	3-4
Alcohol Resistance	4	Migration Resistance	3-4
Ester Resistance	4	Heat Resistance (°C)	160
Benzene Resistance	4	Light	6
Ketone Resistance	4	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.