

TIANKI (CHINA) ENTERPRISE CO., LTD.



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TECHNICAL DATA SHEET

Product Description:

Product Name: Permanent 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

Technical Properties:

yellowish red pigment, with opacity and good resistance, good storage stability, high strength

Application:

Recommend:water-based inks

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)	170
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.