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TECHNICAL DATA SHEET

Product Description:

Product Name:	Transparent Iron Oxide Red
Color Index:	Pigment Red 101
C.I.NO.:	77491
Chemical Nature:	alpha-Fe ₂ O ₃
CAS No.:	1309-37-1
Chemical Formulation:	Fe ₂ O ₃

TRANSPARENT IRON OXIDE RED



Full Shade



Reduced Shade

Physical Data:

Appearance	Red Powder
Density (g/cm ³)	5.0
Moisture (%)	≤3.5
Water Soluble Matter (%)	≤0.5
Oil Absorption (g/100g)	35-45
Fineness (45μm mesh) %	≤0.1
PH Value	3.0-5.0

Fastness Properties (5=excellent, 1=poor):

Bleeding Resistance	5
Migration Resistance	5
Light Fastness (8=excellent)	8
Heat Resistance °C	300
Acid Resistance	5
Alkali Resistance	5

Product Features:

Transparent Iron Oxide Red is nanograde iron oxide red pigment with excellent light fastness, weather fastness and heat resistance.

Recommended Application:

Wood coatings, Car coatings, plastic coatings, metal coatings, architectural coatings, artists' color, etc.