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## TECHNICAL DATA SHEET

### Product Description:

Product Name: Iron Oxide Red 120M  
Color Index: Pigment Red 101  
C.I.NO.: 77491  
Chemical Nature: alpha-Fe<sub>2</sub>O<sub>3</sub>  
CAS No.: 1309-37-1  
Chemical Formulation: Fe<sub>2</sub>O<sub>3</sub>· αH<sub>2</sub>O

### IRON OXIDE RED 120M



Full Shade



Reduced Shade

### Physical Data:

Appearance: Red Powder  
Density (g/cm<sup>3</sup>): 5.0  
Moisture (%): ≤1.0  
Water Soluble Matter (%): ≤0.5  
Oil Absorption (g/100g): 15-25  
Fineness (325mesh wet method) %: ≤0.05  
PH Value: 3.0-7.0

### 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:

Iron Oxide Red 120M is micronized iron oxide with stronger tinting strength, better dispersibility and higher gloss.

### Recommended Application:

High performance Paint and Plastic.