

SPECIFICATION

Iron Oxide

Parameters	Specification
CAS Number	1309-37-1
Appearance	Reddish-brown powder
Molecular Weight	159.69 g/mol
Boiling Point	2980 °C
Melting Point	1565 °C
Flash Point	3000 °C
Purity	98–99%
Refractive Index	2.7
Solubility	Insoluble in water; insoluble in organic solvents; dissolves in acids
Uses	Pigments for paints and coatings; colorant for ceramic glazes; polishing powders; catalyst supports