



Hematite

API Grade

Chemical Name: Iron Oxide

Chemical formula: Fe₂O₃

Molecular weight: 159.69 g/mol

Density: 5.24 g/cm³

Appearance

Red/black powder

Properties

Hematite is high purity ground Iron Oxide. It is used to increase the density of the drilling fluids used in Oilfield Drilling applications. It can be substituted or blended with barite in mud systems.

Usage

Mainly used in colourings, oil and gas drilling, radiation shielding, ballast, polishing compounds.

Packing

25kg, 50kg with PE inner bag plastic woven bag, 1,000kg bag in bulk

Typical Properties

Fe ₂ O ₃	98 ± 1% min.
Specific Gravity	5.0 min.
Oil Absorption	18-20 ml/ 100gm
pH	4 to 6
Particle Size	200 mesh 98% min. passing