

γ -Fe₂O₃ nanopowder

Trade name: Iron oxide nanopowder.

Chemical name: Iron oxide

Chemical formula: γ -Fe₂O₃

This powder is produced using sonochemical process.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance and color: brown or black powder.

Average particle size < 100 nanometers.

Purity > 99%

Density is 4.8 g/cm³

BET specific surface area >60 m²/g

Melting point 1200°C

