

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications

Catalogue Number	47175
Product	Iron oxide nanopowder (20 - 40 nm)
CAS Number	1309-37-1
Molecular Formula	Fe ₂ O ₃
Molecular Weight	159.69

Appearance	Red nanopowder
Density	Bulk density 1.20 g/cm ³ , True density 5.24 g/cm ³
Mesh Size	APS 20 - 40 nm, SSA 40-60 m ² /g
Purity	≥ 99% (Trace metals basis)
Application	Iron oxide used in ferrofluids, coatings, magnetic recording, magnetic detection, microwaves, various magneto-optical applications, purification
Storage	Store at RT

For Laboratory Use Only