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Product Specifications

Catalogue Number	47072
Product	Iron nanopowder (25 nm)
CAS Number	7439-89-6
Molecular Formula	Fe
Molecular Weight	55.85

Appearance	Black nanopowder
Density	Bulk density 0.1 - 0.25 g/cm ³ , True density 7.90 g/cm ³
Mesh Size	APS 25 nm , SSA 40-60 m ² /g
Purity	≥ 99.9% (Trace metals basis)
Application	A versatile magnetically-active material with applications in electronics, medicine, imaging, environmental management, data storage, and other fields, iron nanopowder can be obtained with various diameters, surface areas, purities, and coatings, and can be obtained as a powder or a suspension in a solvent such as ethanol
Storage	Store at RT

For Laboratory Use Only