

NS6130-02-235

ZINC IRON OXIDE Nanoparticles

Quick Facts

Product	:	Zinc Iron Oxide Nanoparticles
Stock No	:	NS6130-02-235
CAS	:	12063-19-3
Molecular Formula	:	ZnFe_2O_4
Form	:	Powder

Purity
99.9%

Technical Specification

Molecular Weight	True Density	APS
241.08g/mol	~5.1 g/cm ³	<30nm

Nanoparticle research has progressed leaps and bounds mainly due to the unexpected properties exhibited by basic elements when their atomic and molecular properties are altered. Nanoparticles have made invaluable contribution to the field of pharmaceuticals, biomedicine, electronics and optics. Antibacterial agents are of great importance in several industries, e.g., water disinfection, textiles, packaging, construction, medicine and food. The organic compounds traditionally used for disinfection pose several disadvantages, including toxicity to the human body and sensitivity to high temperatures and pressures that are present in many industrial processes.

Applications:

- ✓ Pharmaceuticals
- ✓ Biomedicine
- ✓ Electronics
- ✓ Optics

ZnFe_2O_4
APS <30nm



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