

NS6130-02-225

LITHIUM IRON PHOSPHATE Nanoparticles

Quick Facts

Product	:	Lithium Iron Phosphate Nanoparticles
Stock No	:	NS6130-02-225
CAS	:	12052-28-7
Molecular Formula	:	CoFe ₂ O ₄
Form	:	Powder

Purity
99.9%

Technical Specification

Molecular Weight	Density	Melting Point	APS
234.62 g/mol	5.3 g/cm ³	>400 °C	30nm

Cobalt ferrite nanoparticles and Nanocomposites have received great attention from the researchers due to their unique properties such as high pollutant adsorption capacities, excellent photo catalytic, and antimicrobial activities. Cobalt ferrite (CoFe₂O₄) has led to many important applications in nanomedicine. Cobalt ferrite being regarded as a promising candidate for a large variety of different medical applications including magnetic drug delivery, radio-frequency hyperthermia and magnetic resonance imaging.

Application

- ✓ Drug Delivery
- ✓ Magnetic Resonance Imaging (MRI)
- ✓ Radio frequency Hyperthermia
- ✓ Biosensors, diagnostics & hyperthermia
- ✓ Magnetic nanoparticles, spinel ferrites & theranostics.

CoFe₂O₄
APS 30nm



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ISO 9001:2015
CERTIFIED COMPANY

INTELLIGENT MATERIALS PVT LTD
Derabassi
Punjab (140507)
INDIA

+91 9779 550077, 9779238252

NANOSHEL UK LIMITED
Chapel House,
Chapel St Cheshire,
CW12 4AB United Kingdom

+44 (0) 74 105 488, +44 203 137 5187

NANOSHEL LLC
3422 Old Capitol Suit
1305 Wilmington DE - 19808
United States

+1 646 470 4911