

# Iron NANOPOWDER

# Fe

Purity  
**99.9%**

Stock no.  
**NS6130-01-133**  
CAS : **7439-89-6**

Iron nano particles are metal particles and come in the size range of 10-100nm (approx.). Iron is represented by the symbol, Fe and found in the nature i.e. alpha, beta and gamma. Iron nano particles possess high magnetic nature, high surface area, electrical and thermal conductivity.



## Technical Specification

Molecular Weight	Density	Melting Point	APS
55.845g/mol	7.874g/cm <sup>3</sup>	N/A	60-80nm

- Used for treating sites contaminated with chlorinated organic compound
- In magnetic data storage and resonance imaging
- As a gene carriers for gene therapy
- As drug carriers for targeted specific drug delivery

**APS: 60-80nm**



ISO 9001:2015  
CERTIFIED COMPANY



Follow us:



| www.nanoshel.com | sales@nanoshel.com

**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