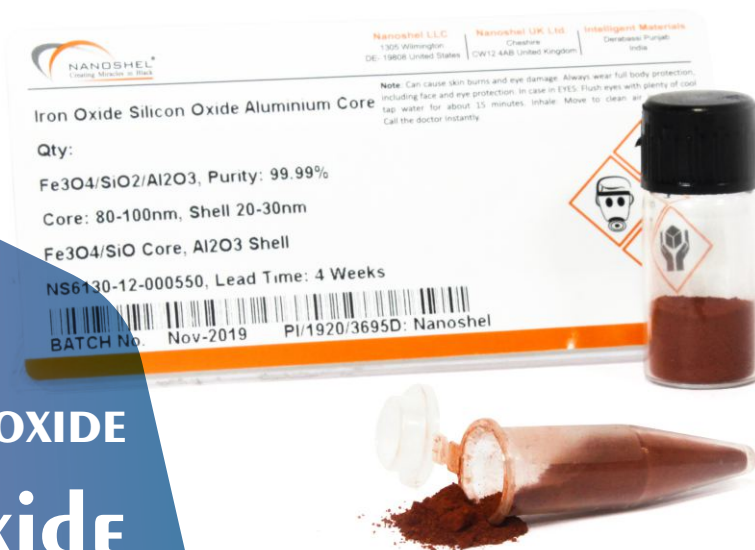


IRON OXIDE / SILICON OXIDE Aluminium Oxide Core Shell 99.9% (Purity)



Core-shell nanoparticles are a type of nanoparticle that have a core made of one material, and a shell made of another material that surrounds the core. Core-shell nanoparticles unique properties that differ from their bulk counterparts, making them useful for various applications, including medicine, energy, electronics, magnetic resonance imaging (MRI), semiconductors, pigments, coatings, and photovoltaics, used in various applications, such as in biomedical imaging, luminescent sensors, and light-emitting diodes (LEDs).

Stock no:
NS6130-12-000550

Chemical Identifiers

| | | |
|---------------|---|--|
| Chemical name | : | Fe ₃ O ₄ /SiO ₂ /Al ₂ O ₃ |
| Core | : | Iron Oxide / Silicon Oxide |
| Shell | : | Aluminium Oxide |

Technical Specification

| Core Diameter | Shell Diameter | Purity |
|---------------|----------------|--------|
| 80-100nm | 20-30nm | 99.9% |



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20ZICE4589C



19ZAZGO1274G



20ZICE4588M

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