

# IRON PLATINUM IRON 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:  
**NS6130-12-000545**

## Chemical Identifiers

Chemical name : Fe58Pt42/Fe3O4  
Core : Iron Platinum  
Shell : Iron Oxide

## Technical Specification

APS	Purity
80-100nm	99.9%



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