

MAGNESIUM IRON OXIDE CORE SHELL

99%
(Purity)



Magnesium/Iron Oxide Core nanoparticles have received tremendous interests in various applications compared to the bare Magnesium nanoparticles due to several important features such as exhibit higher surface area, the existence of a synergistic effect between the core and the shell, Major applications are in bioimaging, drug delivery, gene delivery, and sensors. The core-shell Nanostructure varies with different sizes and different shapes of core and shell thickness with different surface morphology. Core-shell nanoparticles are a class of nanostructure materials that have recently received increased attention owing to their interesting properties and broad range of applications in catalysis, biology, materials chemistry and sensors. Covering a thin surface layer on fine particles can alter their usefulness and properties, such as stability, dispersal ability and catalytic and optical properties.

PROPERTIES

- ✓ Large Surface Area
- ✓ High thermal stability
- ✓ Chemical tailor ability

Stock no:
NS6130-12-000560

CHEMICAL IDENTIFIERS

Purity	:	99 %
Chemical name	:	Mg /Fe ₂ O ₃
Shape	:	Spherical
Form	:	Powder
Core	:	Magnesium
Shell	:	Iron Oxide

Applications

- ✓ Tissue engineering
- ✓ Cell labeling
- ✓ Theranostics
- ✓ Biological imaging
- ✓ Biosensors



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CERTIFIED COMPANY



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