

Iron Oxide/ Carbon Core Shell

Qty:

Fe₃O₄/ C, Metal Core - Peg Modified

99.99%, Core Dia25nm, Shell Dia6nm

Water Soluble Core Shell Nanoparticle

NS6130-12-000553

BATCH No. Nov-2019 PI/1920/3695D: Nanosheel

Note: Can cause skin burns and eye damage. Always wear full body protection, including face and eye protection. In case in EYES: Flush eyes with plenty of cool tap water for about 15 minutes. Inhale: Move to clean air immediately. Call the doctor instantly.



IRON –OXIDE CARBON CORE Shell

99.9%
(Purity)



Stock no:
NS6130-12-000553

Chemical Identifiers

Purity	:	99.9%
Chemical name	:	Fe ₃ O ₄ /C
Core Diameter	:	80-100nm
Shell Thickness	:	20-30nm

There has been much interest in the preparation of iron oxide-polymer nanocomposites. The microdomains of the polymer matrices play an important role as dispersion and size-control media for the in situ synthesized nanoclusters of metals, metal oxides and semiconductors. The iron oxide nanoparticles synthesized below a critical size and dispersed well in polymer matrices exhibit a unique magnetic property of superparamagnetism.

Applications

- ✓ Catalytic materials
- ✓ Gas sensors
- ✓ Magnetic fluids



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ISO 9001:2015
CERTIFIED COMPANY



20ZICE4589C



19ZAZGO1274G



20ZICE4588M

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