

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: Nanoshel

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
APS	:	80-100nm
CAS	:	1317-61-9/7440-44-0
Molecular Weight	:	-
Density	:	-
Melting Point	:	-

Applications

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

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.



Follow us:



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

ISO 9001:2015
CERTIFIED COMPANY



20ZICE4589C



19ZA7GO1274G



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