NANOSHEL

Fe_3O_4

Reduced
Graphene Oxide

Purity
99.9%

NANOCOMPOSITE
Dispersion

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Fe_3O_4

Reduced
Graphene Oxide
NANOCOMPOSITE
Dispersion

APS
80-100nm
(Fe3o4)

Fe3O4 Reduced Graphene Oxide
Nanocomposite Dispersion

Stock No	:	NS6130-12-001706
APS	:	80-100nm
Color	:	Black/Brown
Purity	:	99.9%
Formula	:	Fe3O4

Applications:

- Water purification
- Coatings
- Rechargeable battery electrodes
- Energy conversion
- Hydrogen storage
- Precision medicine

Graphene is a material made of carbon atoms that are bonded together in a repeating pattern of hexagons. Graphene is so thin that it is considered two dimensional. Graphene is considered to be the strongest material in the world, as well as one of the most conductive to electricity and heat. Graphene has endless potential applications, in almost every industry (like electronics, medicine, aviation and much more).

Graphene oxide (GO) is one of those materials - it is a single-atomic layered material, made by the powerful oxidation of graphite, which is cheap and abundant. Graphene oxide is an oxidized form of graphene, laced with oxygen-containing groups. It is considered easy to process since it is dispersible in water (and other solvents), and it can even be used to make graphene. Graphene oxide is not a good conductor, but processes exist to augment its properties. It is commonly sold in powder form, dispersed, or as a coating on substrates.

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ISO 9001:2015
CERTIFIED COMPANY

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