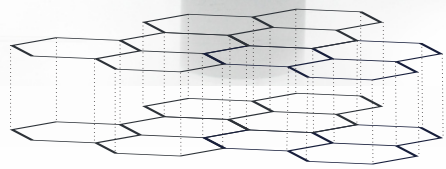
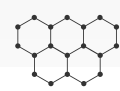


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Graphene

Polymer NanoComposites



NEXT 



Graphene

Polymer Nanocomposites

Graphene based nanocomposites have received much attention in various disciplines due to their high specific surface area, good compatibility, low mass density, elegant flexibility as well as the excellent synergistic effect of G with other nanomaterials. Graphene based nanocomposites, the potential applications of the G-polymer nanocomposites in electrocatalysts, drug delivery, high performance materials, biosensors, and biomedical materials. Graphene-polymer nanocomposites have attracted intense interest as functional components in fuel cells. Graphene-based nanocomposites, with unique mechanical, gas barrier, electrical and dielectrical properties, could find use as engineering plastics and coatings, and could play a role as semi-conductive sheets in transistors.

Quick Facts

Catalogue No	: NS6130-03-366(Shin-60)
CAS No	: 1034343-98-0
Thickness	: 1.6nm (8-10monolayers)
Purity	: >95%
Grade	: Research,Lab,Industrial
Form	: Powder

Available:

Single-Layer-Graphene

Multilayer-Graphene

Functionalized Graphene

Graphene Reduced Oxide

Nanoplatelets,Ink,Paste,Paint

Specification

Molecular Formula	Bulk Density	Density	Melting Point	Boiling Point
C	12.01 g/mol	~0.01g/cm ³	3452-3697°C	4830°C

Applications

- ✓ Sensor fabrication, electromagnetic interference shielding, optoelectronics, superconductivity, or memory chips
- ✓ Uses in weight-sensitive aerospace and automotive applications
- ✓ Biomedical field, particularly in drug delivery, wound healing, and biosensing
- ✓ Electronic communication: display, tablet, integrated circuit

Packing Sizes: 5Gms, 10Gms, 50Gms & Bulk Orders

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20ZICE4589C



19ZAZGO1274G



20ZICE4588M

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CERTIFIED COMPANY

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

