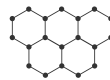


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Reduced Graphene Oxide



NEXT 



Reduced Graphene Oxide

Reduced graphene oxide (RGO) is one of the stimulating topics in many research fields of nanotechnology during the last few years.

Reduced graphene oxide (RGO) has excellent electrical, thermal and mechanical properties. Reduced graphene oxide (RGO) very promising material for many applications, such as in the development of energy-storage capacitors, field effect transistors, energy related materials, sensors, heavy metal removal, drug delivery and biomedical applications.

Quick Facts

Catalogue No	: NS6130-12-000298
CAS No	: 1034343-98-0
Lateral Size	: ~5 μ m (\pm 3%)
Thickness	: 2-4nm
Purity	: 99.5%
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	Electrical Conductivity	Humidity (Karl Fisher)	Concentrations
C	1.19g/cm ³	~2.3g666,7 S/m(*)	3.7 - 4.2%	<0.1mg/mL

Applications

- ✓ Reduced Graphene Oxide are used water treatment.
- ✓ Reduced Graphene Oxide are used for lithium-ion batteries.
- ✓ Reduced Graphene Oxide are used in conductive additive for battery electrodes.
- ✓ Reduced Graphene Oxide are used as an additive for lightweight composites.
- ✓ Reduced Graphene Oxide are used as energy storage
- ✓ Reduced Graphene Oxide are used as biomedical applications

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

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