

# Global and Regional Graphene Oxide Market Research Report 2017

https://marketpublishers.com/r/G13A52A19F7EN.html

Date: October 2017

Pages: 136

Price: US\$ 3,500.00 (Single User License)

ID: G13A52A19F7EN

## **Abstracts**

### Summary

Graphene, a multi or single layer sheet of graphite, is the strongest material available, as well as being highly transparent, flexible, and the best conductor of heat and electricity. Great effort is devoted to developing an effective yet inexpensive way to produce graphene materials in industrial quantities. Graphene oxide (GO) is a single-atomic-layered material made by the oxidation of graphite crystals, which are inexpensive and abundant. It is dispersible in water, and as a result is easy to process. Most importantly, it can be converted into graphene. Graphene Oxide is one of the first commercial graphene materials and one of the most popular products in the Graphene Supermarket, Graphene oxide (GO) is similar to graphene but with significant amounts of oxygen introduced into the graphene structure. GO, unlike graphene, can be readily mixed in water which has led people to use GO in thin films, water-based paints and inks, and biomedical applications. Graphene oxide has two types: powder and solution. Graphene oxide can be dispersed into a range of concentration solution. Therefore, in this report, the capacity and production of solution graphene oxide is converted into powders'.

Market Segment as follows:

By Region

Asia-Pacific

North America



Europe
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South America

Middle East & Africa

# By Type

Graphene Oxide Solution

Graphene Oxide Powder

# By Application

**Transparent Conductive Films** 

Composites and Paper-like Materials

**Energy-Related Materials** 

Biology and Medicine

# By Company

**Angstron Materials** 

Graphenea

Garmor

**ACS Material** 

Cheap Tubes

The Sixth Element Materials



BGT Materials
UNIPL
Allightec
E WAY Technology
LeaderNano
Nanoinnova

The main contents of the report including:

- Section 1: Product definition, type and application, global and regional market overview;
- Section 2: Global and regional Market competition by company;
- Section 3: Global and regional sales revenue, volume and price by type;
- Section 4: Global and regional sales revenue, volume and price by application;
- Section 5: Regional export and import;
- Section 6: Company information, business overview, sales data and product specifications;
- Section 7: Industry chain and raw materials;
- Section 8: SWOT and Porter's Five Forces;
- Section 9: Conclusion.



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