

Technical Specification Datasheet

Product Name: Graphene Oxide

Product Series - Graphox

Number of Layers: 4 to 8

Material Form: Powder

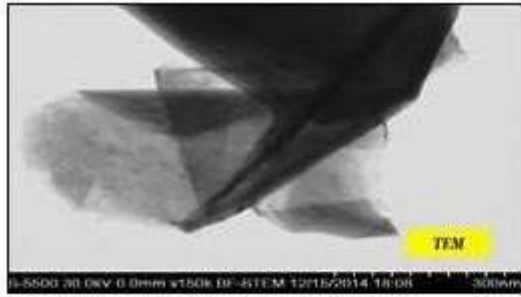
Colour – Black

Packing Size: 10gram, 100gm, 1kg and more

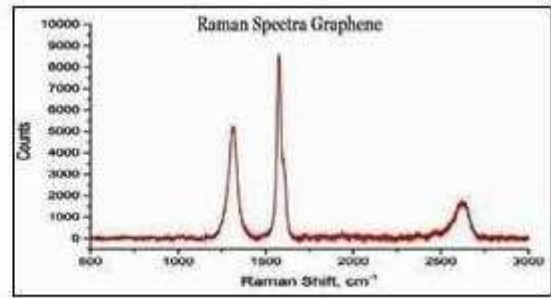
| PARAMETERS | APPROXIMATE VALUES |
|-------------------------|-----------------------------------|
| Thickness | 3-6 nm |
| Carbon Purity | ~99% |
| Number of Layers | Average number of layers 8-10 |
| Surface Area (BET) | >110 m ² /g |
| Bulk Density | 0.48g/cc |
| Electrical Conductivity | Insulator [Tuneable to conductor] |
| Lateral dimension | 5-10 μ m |

Properties:

Characterization:



TEM Image



RAMAN Spectrum

Advantages:

- High aspect ratio & porosity
- Excellent electro-sorption capacity
- Fragile exfoliated sheet
- Ultimately High Purity

Techinstro assures the above specification and dimensions of the product as per datasheet. We ensure the quality of the product with moisture proof packing. This sheet is also available on the website, where a researcher or purchaser can also download it merely by clicking on the pdf link. The terms and condition for the product purchase mentioned in the quotation. For safe product storage, tips and procedure provided with the material. For more queries, contact our technical support.