

Technical Specification Datasheet

Product Name: Reduced Graphene Oxide

Product Series - Red-Graphox

Number of Layers: 3 to 6

Material Form: Powder

Colour – Black

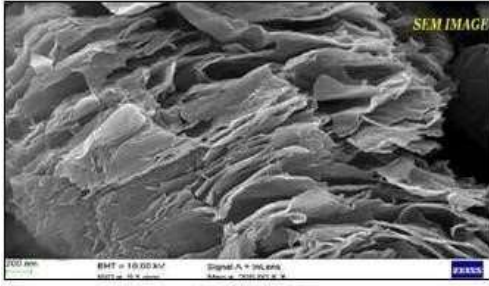
Packing Size: 10gram, 100gm, 1kg and more

Properties:

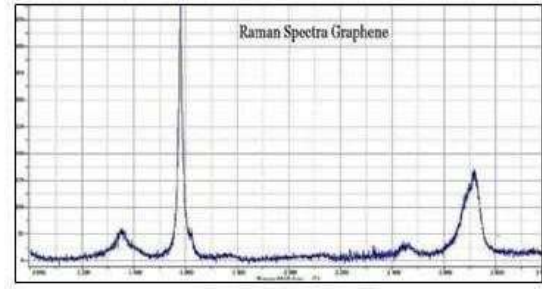
PRODUCT	ELEMENT ANALYSIS				
Reduce Graphene oxide	C (%)	O (%)	S (%)	H (%)	N (%)
	91	<8	<1	2	0.4

Specifications	Approximate Values
Length Average X & Y Dimensions	1-10 Micron
Thickness Average Z Dimension:	0.8~ 2nm
Product Purity	>98.8%
Number of Layers	Average no. of layers 3-6
Lateral dimension	~10µm
Surface Area BET	>150m ² /g
Bulk Density	0.48g/cm ³
Electrical Conductivity	Conductor ~560 S/M
Bulk Density	0.121g/cc

Characterizations:



SEM Image



RAMAN Spectrum

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.