

Technical Specification Datasheet

Product Name: Sensor Grade - Graphene

Form: Powder Form

Product Series: Graph-Sensor

Colour: Black

Packing: 10gm, 100gm, 1Kg and many more

Properties:

SPECIFICATIONS	VALUES
Bulk Density	0.12 g/cc
Diameter Average X &Y Dimensions	1-5 micron
Thickness Average Z Dimension	2-3 nm
Purity	>99%
Number of Layers	Average number of Layers 1-2
Surface Area	300 m ² /g

DENSITY	PARALLEL TO SURFACE	PERPENDICULAR TO SURFACE
Thermal	Conductivity 3,000 watts/m-K	6 watts/m-k
Tensile Modulus	>1,000 GPa	Not applicable
Tensile Strength	>5 Gpa	Not applicable
Electrical Conductivity	107 Siemens/m	102 Siemens/m

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.