



Product Datasheet

Graphenea Reduced Graphene Oxide (rGO)

Properties

Form	Powder
Particle size (laser diffraction)	D90 10-15µm
	D50 4-6 µm
	D10 1-3 µm
Reduction method	Chemically reduced
Color	Black
Odor	Odorless
Solubility	Insoluble
Dispersability	low concentrations (<0.1mg/mL) in NMP, DMSO, DMF
Humidity (TGA)	<1%
Electrical Conductivity	≈ 10-15 S/cm (*)
Specific Surface Area	423-498 m ² /g
Apparent Density	0.20-0.30 gr/mL

(*) Four probe measurement. 1.3 mm thickness

Elemental Analysis

Carbon	80-87%
Hydrogen	0-1%
Nitrogen	0-1%
Sulfur	0-1%
Oxygen	14-19%

