



Reduced Graphene Oxide Technical Data Sheet

Property	Details
Physical Form	Powder
Surface Area (BET)	~350–400 m ² /g
Thickness	~1–2 nm
Length	5–10 μm
Colour	Black
Odor	Odorless
Water Solubility	Insoluble in water
Number of Layers	5–10
Elemental Composition (SEM-EDX)	C: 75–80%, O: 18–23%, Others: 1–2%
Bulk Density	0.02 g/cc
Applications	Paints and coatings, Polymers, Energy storage, Electronics and semiconductors, Conductive ink, Tyre Industry, RF shielding, Pharmaceutical, R&D
Characterization Techniques	X-Ray Diffraction (XRD), Scanning Electron Microscopy (SEM)