TECHNICAL DATA SHEET

Technical Data Sheet: Single Layer Graphene Oxide 450nm

Product code: 060101

Revision 2026-11

Description

Graphene oxide (GO), graphene sheets carrying oxygen-containing groups, which makes the material hydrophilic and easy to disperse in water and polar solvents. We supply it as a powder or gel depending on the grade.

Specifications

Property	Value
Thickness	0.7-1.2nm by AFM
Lateral size	<450nm X & Y
Purity	99 wt%

Characterization

Representative micrographs available on request.

Applications

Our graphene oxide is used in membranes, coatings, composites, sensors and as a precursor for reduced graphene oxide.

Storage and Handling

Store sealed, dry, at room temperature. Use respiratory protection when handling dry powder; see SDS.

Documentation

Representative data provided. A representative Certificate of Analysis is available. Safety Data Sheet at cheaptubes.com/nanomaterial-msds-safety-sheets.

Application results depend on formulation, equipment and process conditions; confirm with your own trials. Specifications reflect the product page at cheaptubes.com as of November 2026.