TECHNICAL DATA SHEET

Technical Data Sheet: COOH Functionalized Graphene Nanoplatelets

Product code: 050113

Revision 2026-11

Description

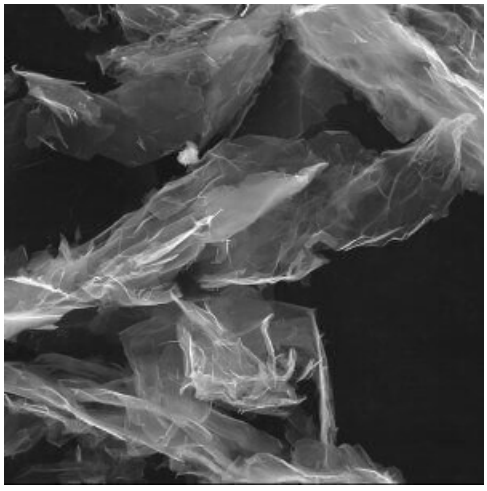
Graphene nanoplatelets (GNP), stacked graphene sheets supplied as a dry powder, available non-functionalized or with surface functional groups. We offer several grades that differ in thickness, lateral size and surface chemistry. This grade is COOH functionalized by acid treatment.

Specifications

Property	Value
Primary functionality	COOH - Carboxylate
Form supplied	Dry Powder
Source material	Natural Graphite

Characterization

Representative image of this grade is shown below. A representative Certificate of Analysis is available.



Representative image

Applications

Our GNP are used as conductive, thermal and barrier additives in polymers, coatings, lubricants, rubber and battery electrodes.

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.