TECHNICAL DATA SHEET

Technical Data Sheet: COOH Functionalized Industrial Grade Multi Walled Carbon Nanotubes 20-40nm

Product code: 03050302

Revision 2026-11

Description

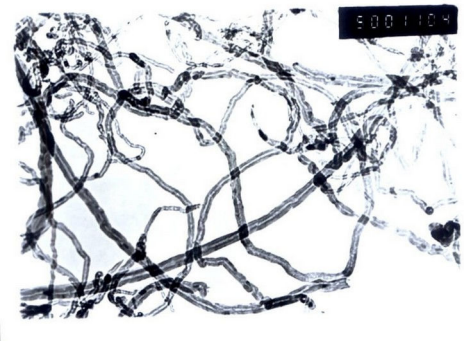
Industrial grade multi walled carbon nanotubes (MWCNT) for cost-sensitive, high volume use, available non-functionalized or functionalized with OH or COOH groups by acid treatment. We supply these grades as a dry powder. This grade is COOH functionalized by acid treatment.

Specifications

Property	Value
Outer diameter	20-40nm
Inner diameter	5-10nm
Length	10-30um
Specific surface area	>110 m2/g
Purity	95 wt%
Bulk density	0.07 g/cm3
True density	~2.1 g/cm3

Characterization

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



Representative image

Applications

Our industrial grade MWCNT are suited to bulk conductive and reinforcing uses in plastics, rubber, coatings, concrete and composites, where large quantities and consistent supply matter.

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.