TECHNICAL DATA SHEET

Technical Data Sheet: NH2 Functionalized Multi Walled Carbon Nanotubes 20nm

Product code: 030114

Revision 2026-11

Description

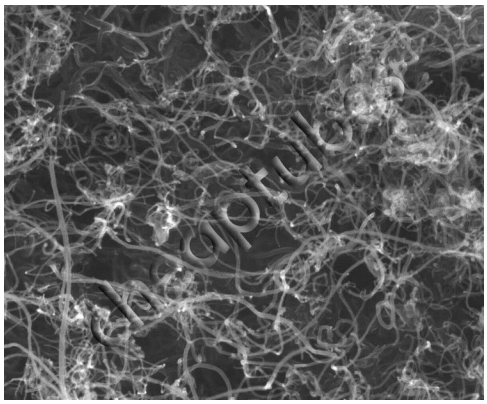
High purity multi walled carbon nanotubes (MWCNT) with an outer diameter of 10-20nm, available non-functionalized or functionalized by acid treatment. We supply these grades as a dry powder at a purity of 99 wt% or higher. This grade is NH2 functionalized.

Specifications

Property	Value
Outer diameter	<20nm
Inner diameter	4nm
Length	1-12um
Purity	>99 wt%
Ash	<0.5 wt%
Form supplied	Dry Powder
Source material	CCVD MWCNTs

Characterization

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



Representative image

Applications

Our 99 wt% purity MWCNT are suited to applications that are sensitive to metal catalyst residue, including battery electrodes, sensors, electronics and research use.

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.