

# Carboxylic Functionalize Multi Walled Carbon Nano Tubes



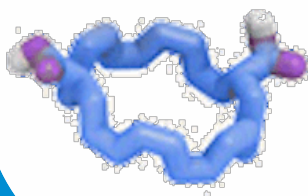
We make Carboxyl [COOH] functionalized Multi Walled Carbon Nanotubes from MWCNT on which further treatment is done to introduce -COOH group at the edges and surfaces with multiple points of quality checks.



DIA: ~5-15 nm



AD  
MWCNT  
-COOH



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# PRODUCT FEATURES MWCNT-COOH

Purity: ~99%

## Advantages

- ▶ Dispersed much easier
- ▶ High Aspect Ratio
- ▶ Carboxyl groups are compatibility with a number of polymers, including alkene and resin chemistries and much more
- ▶ Small Addition will improves the properties of matrix
- ▶ Improves electrically conductive
- ▶ Improves thermal conductive
- ▶ Improves mechanically stability

## Applications

Small Enforcement Can Improve The Properties Of Polymers Such As Alkaline

Small Quantity Can Improve Mechanical, Electrical Properties Of Paints & Coatings

Used To Make Sensors

Used To Improve The Properties Of Thermoset

Used To Improve The Properties Of Thermoplastics

Used To Make Highly Conductive Ink

Used To Make Emi Shield Coatings

Used In Electronics Industries

Used To Make Fuel Cells