

Technical data

Categories No: TNSMC5

Name: Short -COOH Functionalized Multi-walled Carbon Nanotubes

(Short-MWCNTs-COOH)

Purity:>98%

-COOH Content: 1.23wt%

OD:20-30nm [OD=Outer Diameter]

Length: 0.5-2um

SSA: >150m²/g [SSA=Specific Surface Area]

Color: Black

Making method: CVD

Application instruction

Potential Applications of Carbon Nanotubes

Additives in polymers

Catalysts

Electron field emitters for cathode ray lighting elements

flat panel display

gas-discharge tubes in telecom networks

Electromagnetic-wave absorption and shielding

Energy conversion

Lithium-battery anodes

Hydrogen storage

Nanotube composites (by filling or coating);

Nanoprobes for STM, AFM, and EFM tips

nanolithography

nanoelectrodes

drug delivery

sensors

Reinforcements in composites

Supercapacitor