

Technical data

Categories No: TNSMH1

Name: Short -OH Functionalized Multi-walled Carbon Nanotubes

(Short-MWCNTs-OH)

Purity:>98%

OD:5-15nm [OD=Outer Diameter]

Length: 0.5-2um

SSA: >270m²/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