

## Technical data

Categories No: TNGMH7

Name: Graphitized -OH Functionalized Multi-walled Carbon Nanotubes

Purity: >99.5%

-OH Content: 0.53wt%

OD: 30-50nm [OD=Outer Diameter]

Length: <10um

SSA: >50m<sup>2</sup>/g [SSA=Specific Surface Area]

Color: Black

Making method: CVD, at 2800°C to preparation

## **Application instruction**

Potential Application 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