

Technical data

Categories No: TNGMC8

Name: Graphitized -COOH Functionalized Multi-walled Carbon Nanotubes

Purity:>99%

-COOH Content: 0.25wt%

OD:30-80nm [OD=Outer Diameter]

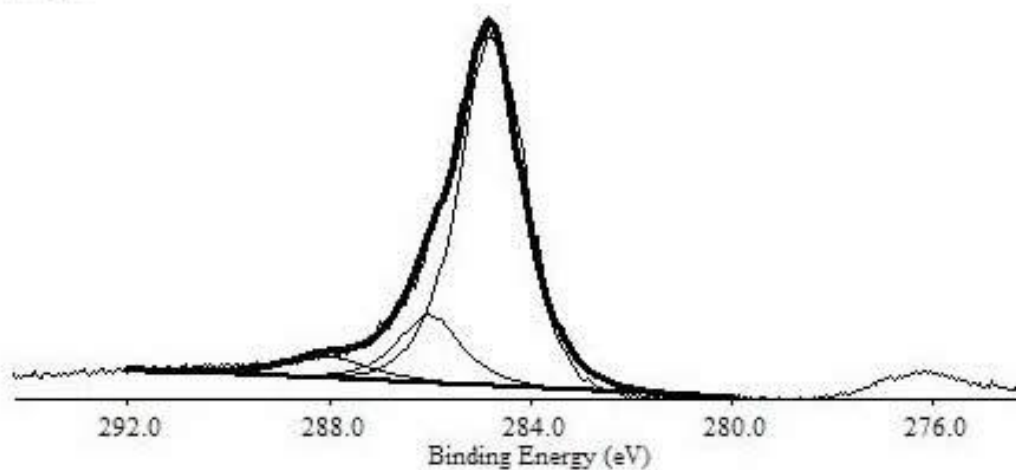
Length: <10um

SSA: >50m²/g [SSA=Specific Surface Area]

Color: Black

Making method: CVD, at 2800°C to preparation

石墨化-COOH-K2CrO7-C 50nm



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