

Technical data

Categories No: TNSMC7

Name: Short -COOH Functionalized Multi-walled Carbon Nanotubes

(Short-MWCNTs-COOH)

Purity:>98%

-COOH Content: 0.73wt%

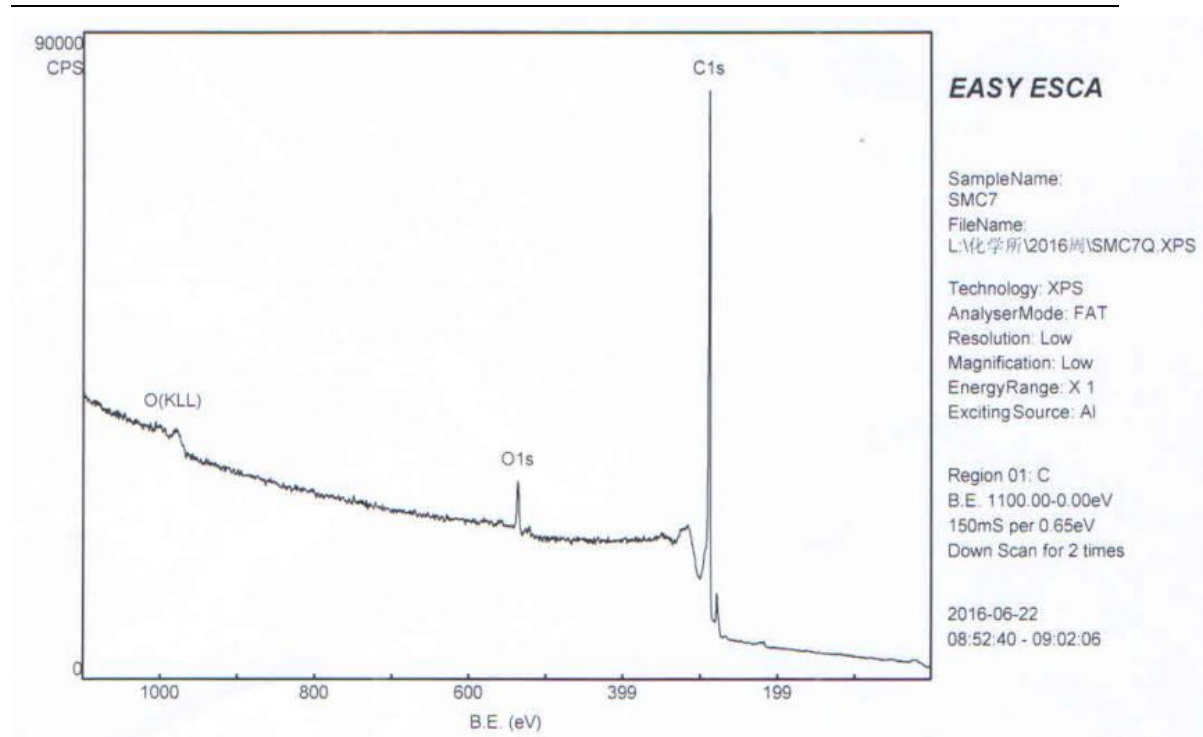
OD:30-50nm [OD=Outer Diameter]

Length: 0.5-2um

SSA: >80m²/g [SSA=Specific Surface Area]

Color: Black

Making method: CVD



XPS

Components	Area(CPS)	Contents	Components
C	7500	0.25	96.35%
O	750	0.66	3.65%

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