

Technical data

Categories No: TNMC0

Name: -COOH Functionalized Multi-walled Carbon Nanotubes

Purity: >98%

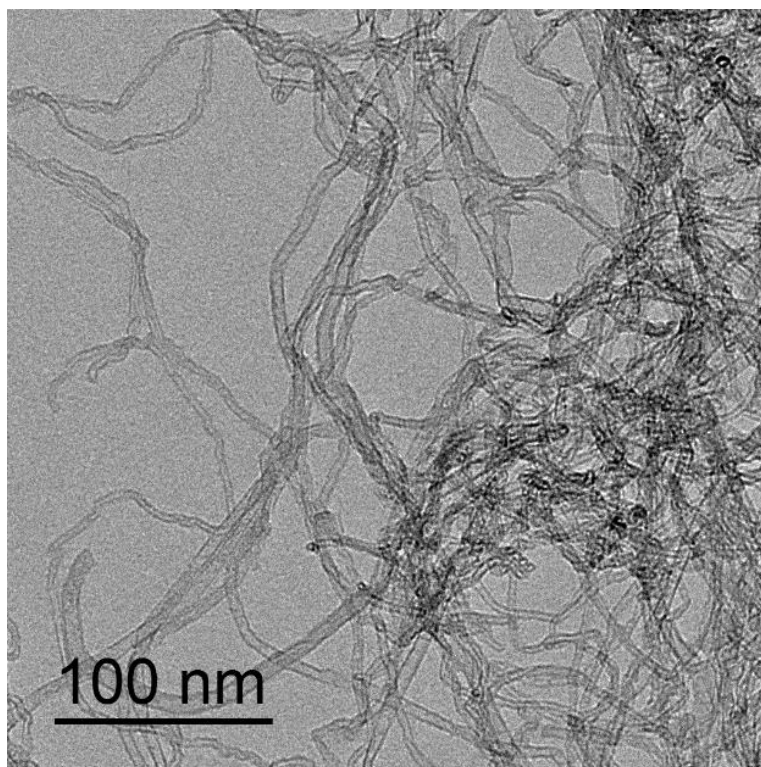
OD: 4-8nm [OD=Outer Diameter]

Length: 10-20 μ m

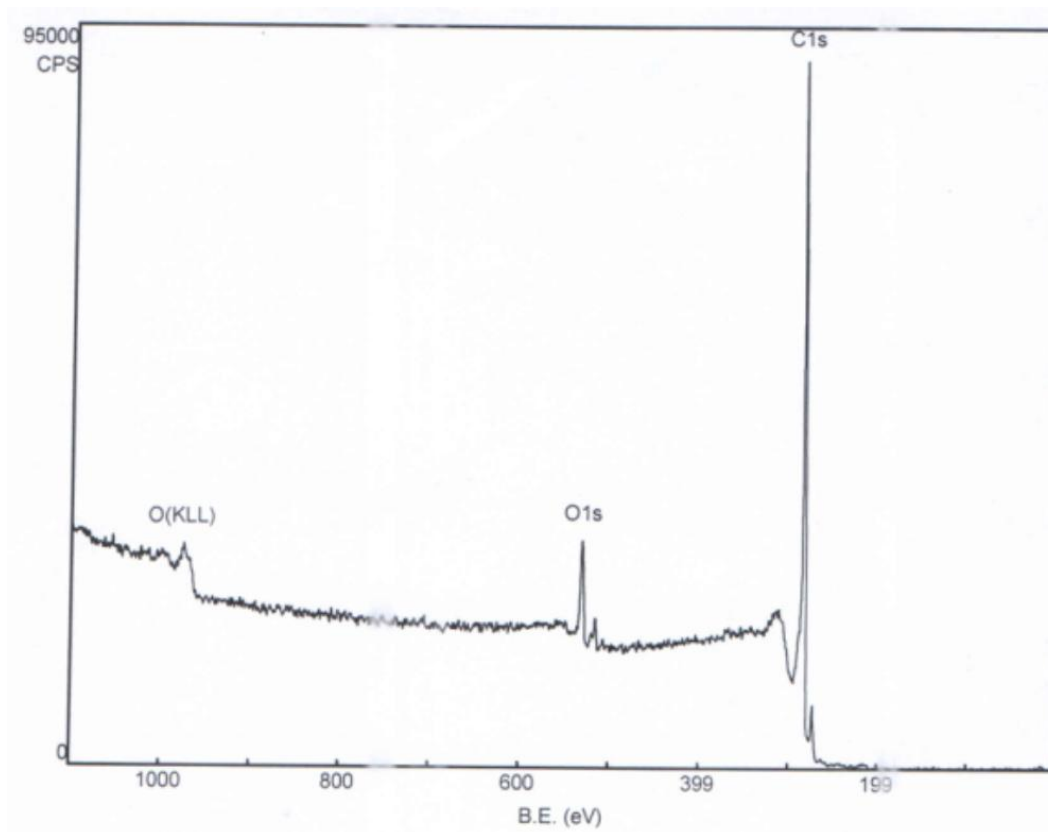
SSA: 350-550m²/g [SSA=Specific Surface Area]

Making method: CVD

Testing paper



TEM



Components	Area(CPS)	Contents	Components
C	75715	0.25	93.40%
O	14120.4	0.66	6.60%

XPS

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