

Technical data

Categories No: TNIMC1

Name: Industrial Grade -COOH Functionalized Multi-walled Carbon
Nanotubes

Purity: >95%

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

Length: 10-30 μ m

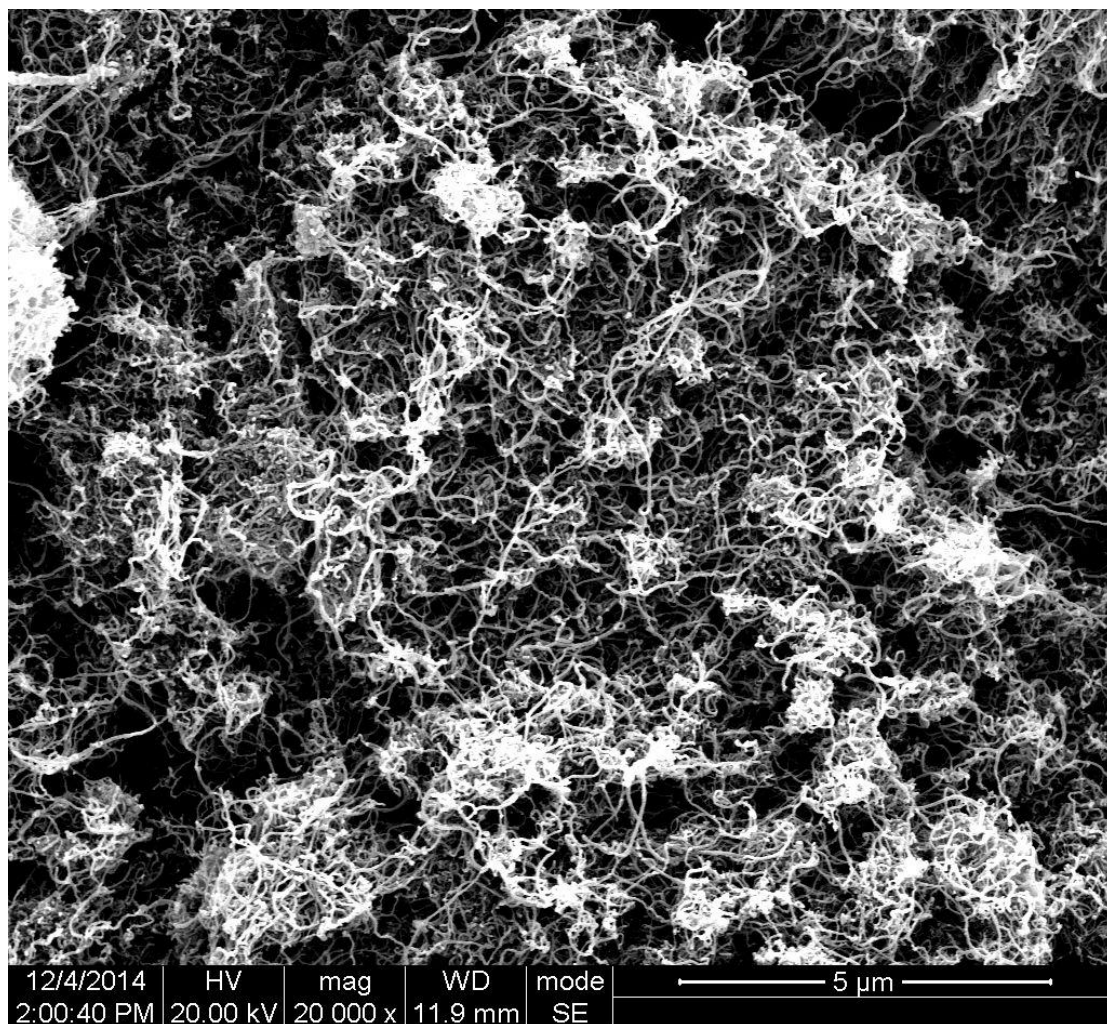
SSA: 200-240m²/g

Tap Density: 0.221g/cm³

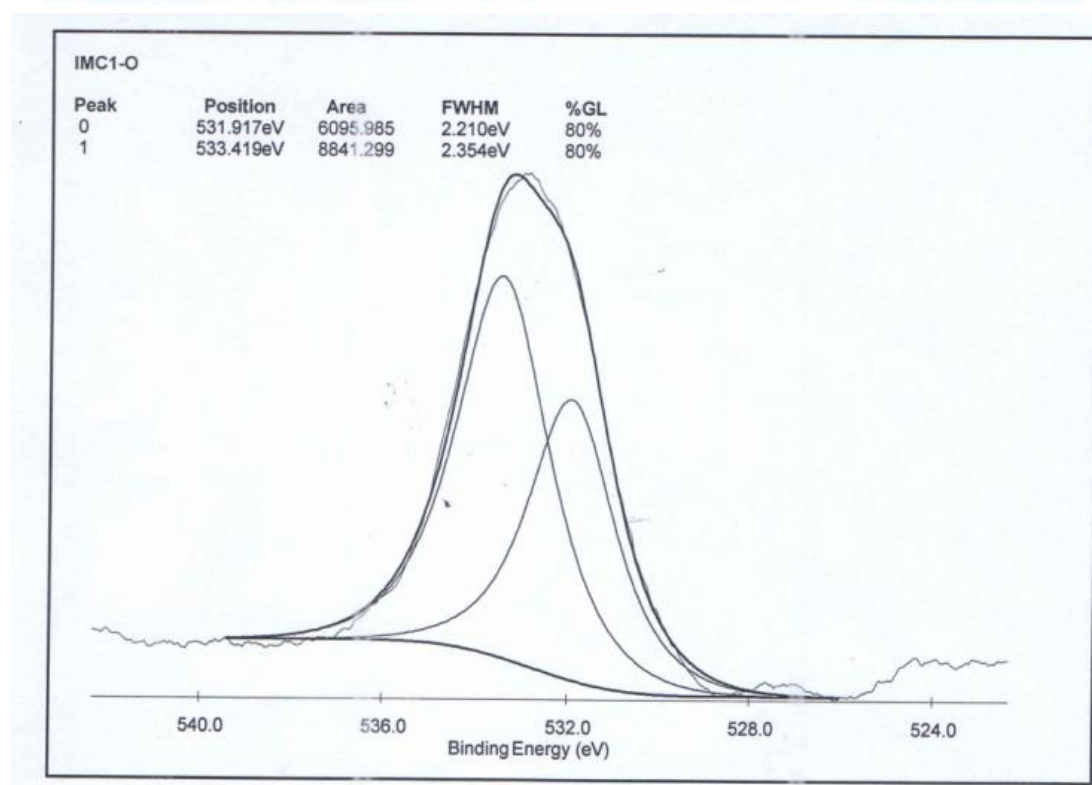
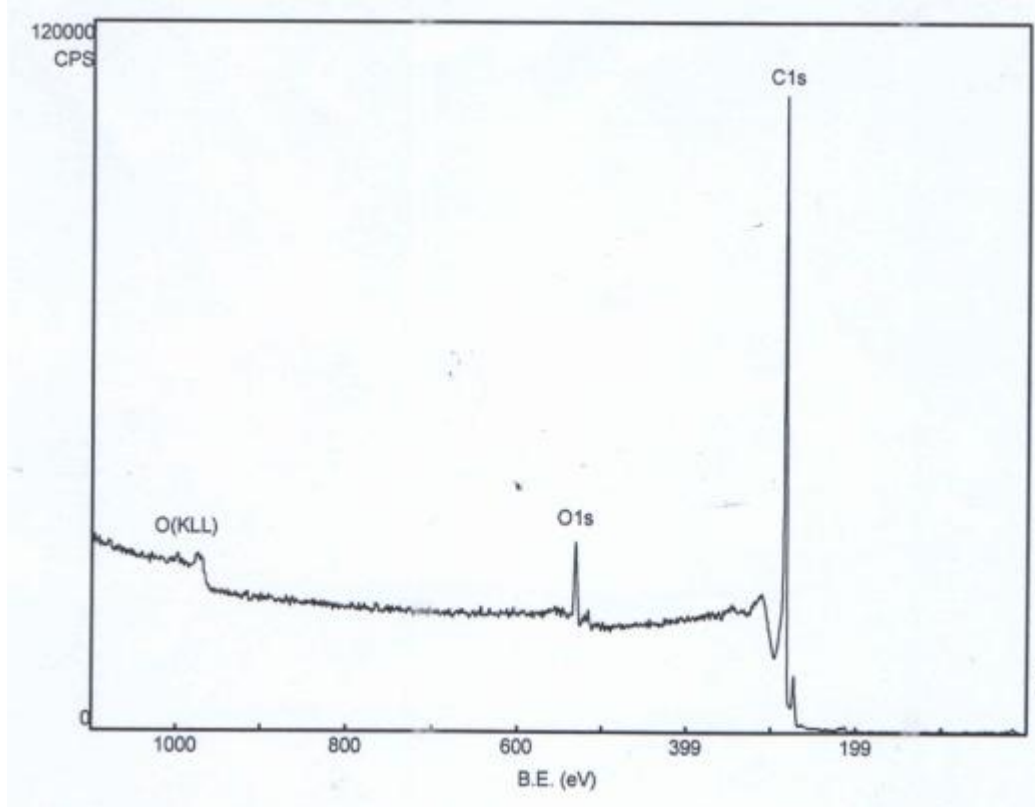
ASH: <3%

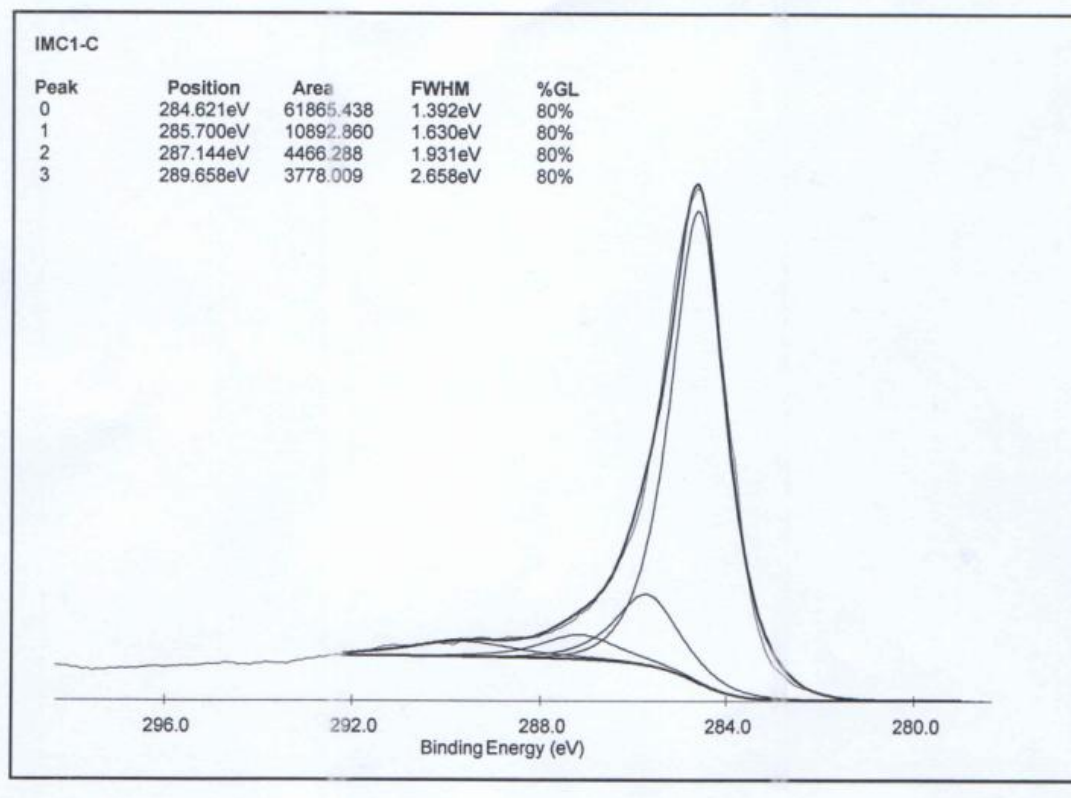
Making method: CVD

Testing paper



SEM





Components	Area(CPS)	Contents	Components
C	81001	0.25	93.47%
O	14937.2	0.66	6.53%

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