

## Technical data

Categories No: TNMPC1

Name: -COOH Functionalized Multi-walled carbon nanotubes

(MWCNTs)

Purity: >99%

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

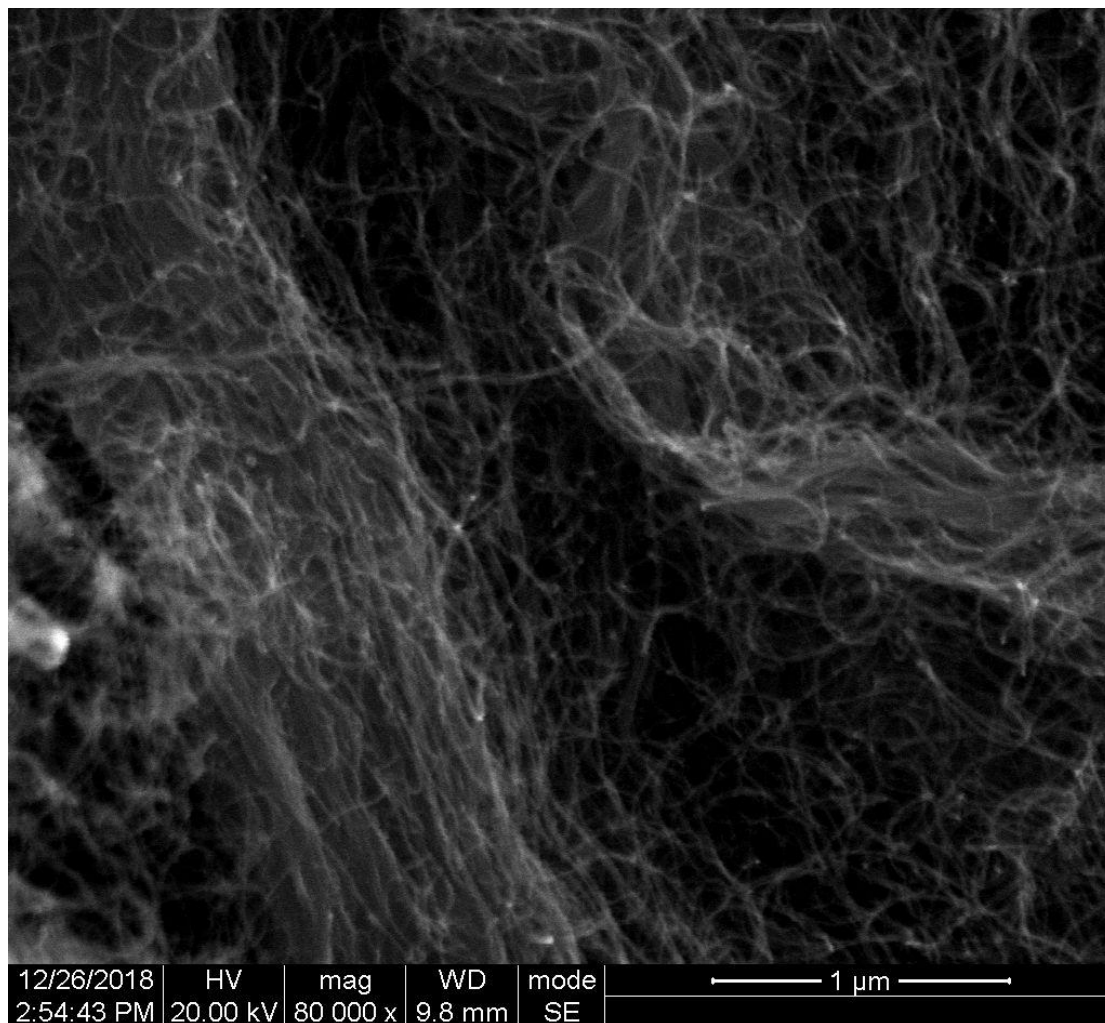
Length: 10-30um

SSA: 220-300m<sup>2</sup>/g [SSA=Specific Surface Area]

Color: Black

Making method: CVD

## Testing pictures



Scanning Electron Microscopy (SEM)

## 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 net works

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