

## Technical data

Categories No: TNIMH1

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

Purity: >95%

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

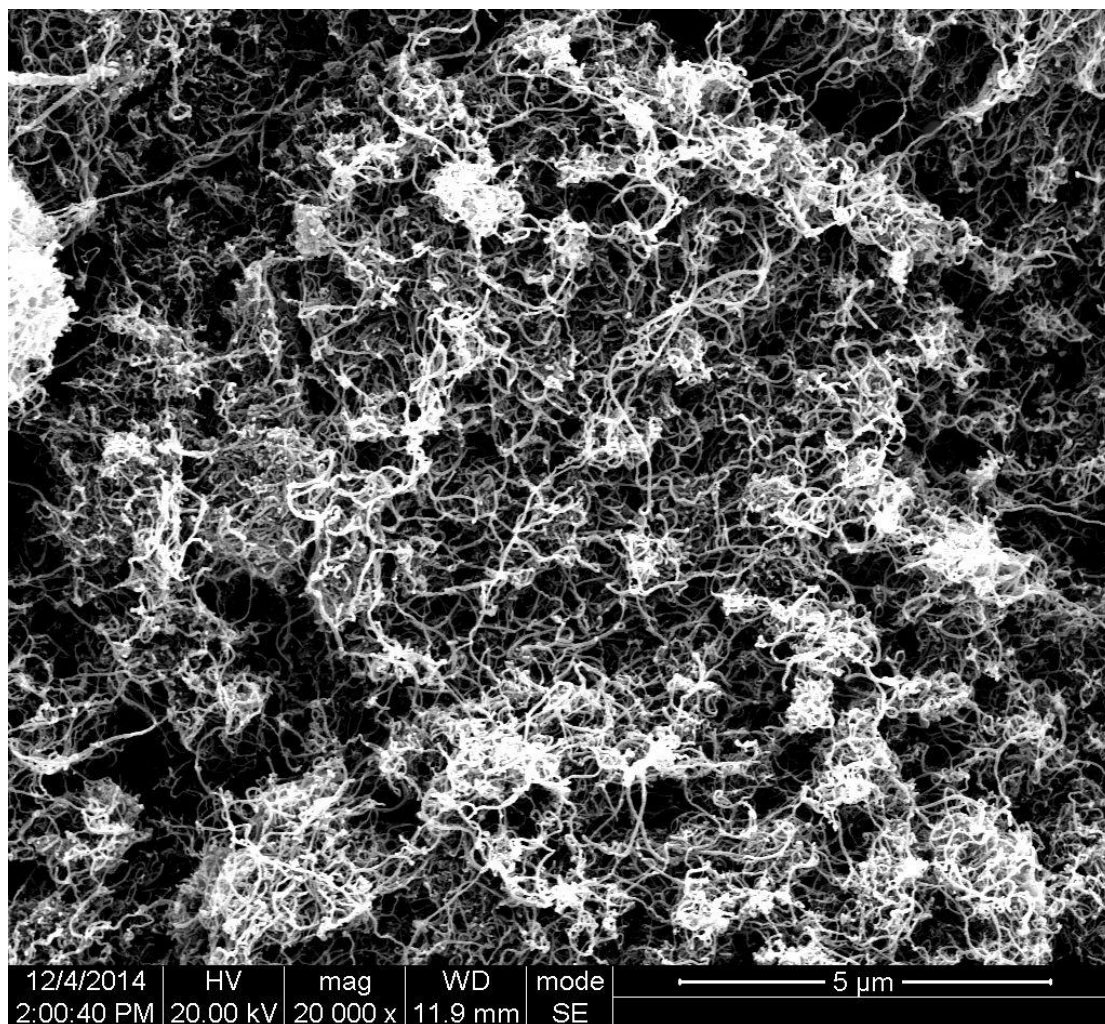
Length: 10-30 $\mu$ m

Tap Density: 0.221g/cm<sup>3</sup>

ASH: <3%

Making method: CVD

## Testing paper



**SEM**

## 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