

## Technical data

Categories No: TNSM5

Name: Short Multi-walled Carbon Nanotubes

(Short-MWCNTs)

Purity:>98%

OD:20-30nm [OD=Outer Diameter]

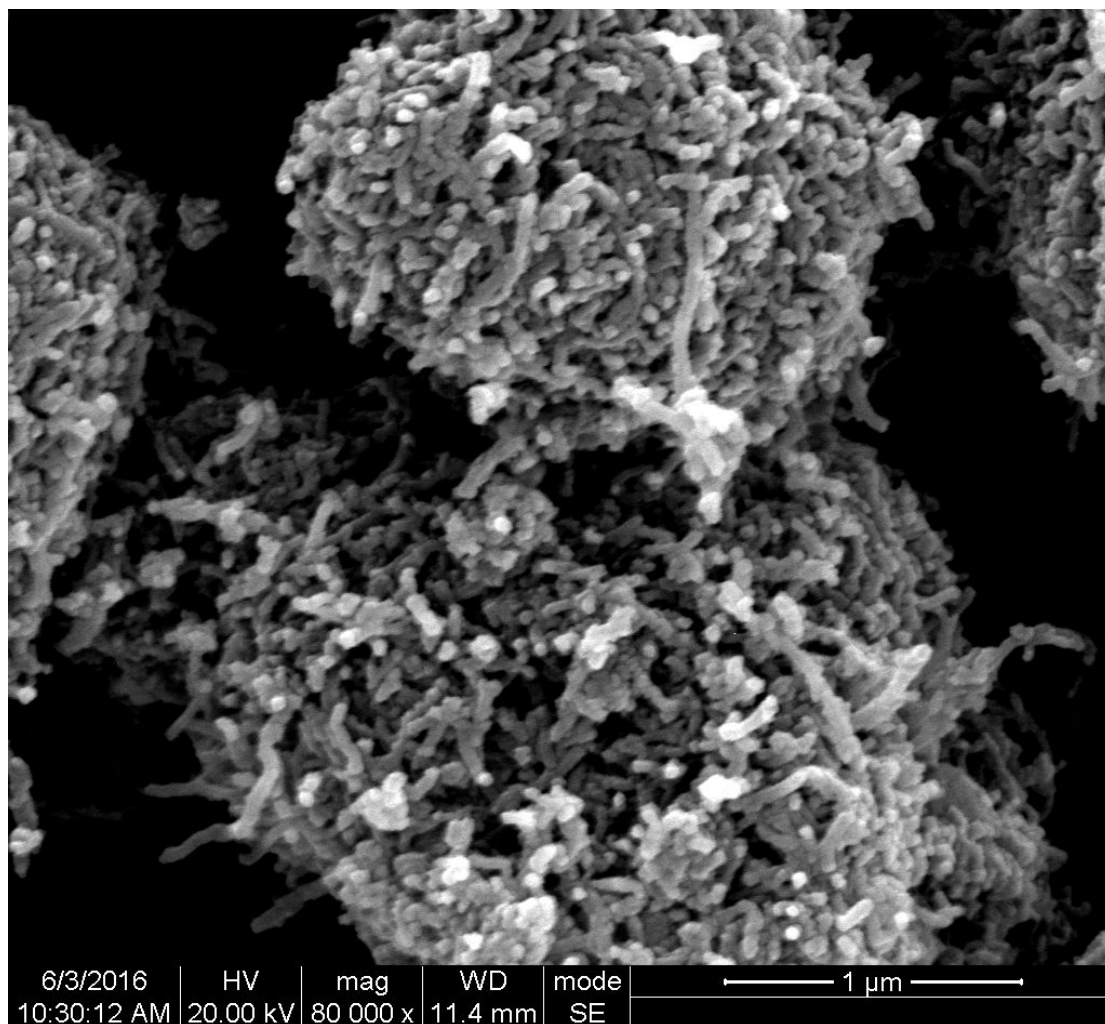
Length: 0.5-2um

SSA: >120m<sup>2</sup>/g [SSA=Specific Surface Area]

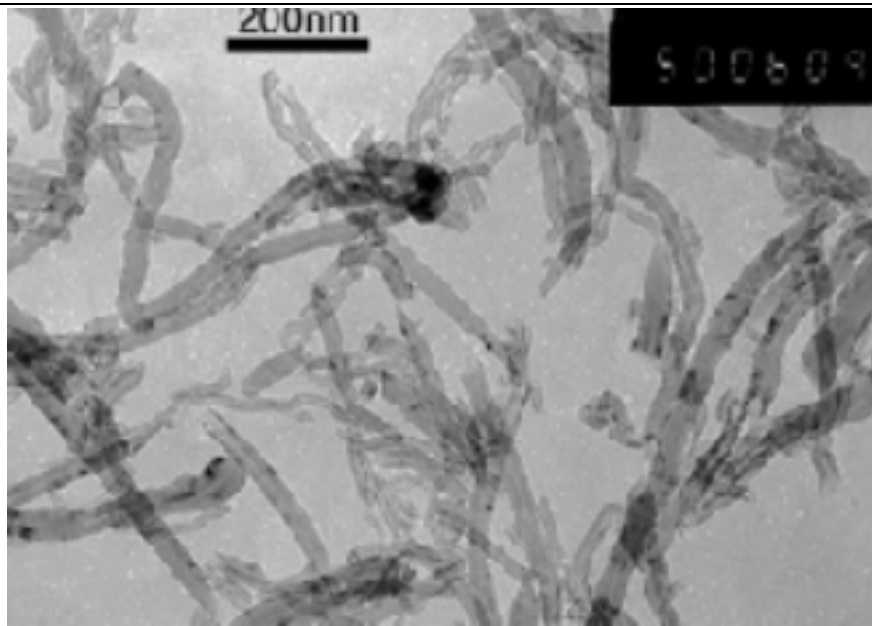
Color: Black

Making method: CVD

Testing pictures



SEM



TEM

## **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

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Supercapacitor