

## Technical data

Categories No: TNSM1

Name: Short Multi-walled Carbon Nanotubes

(Short-MWCNTs)

Purity:>98%

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

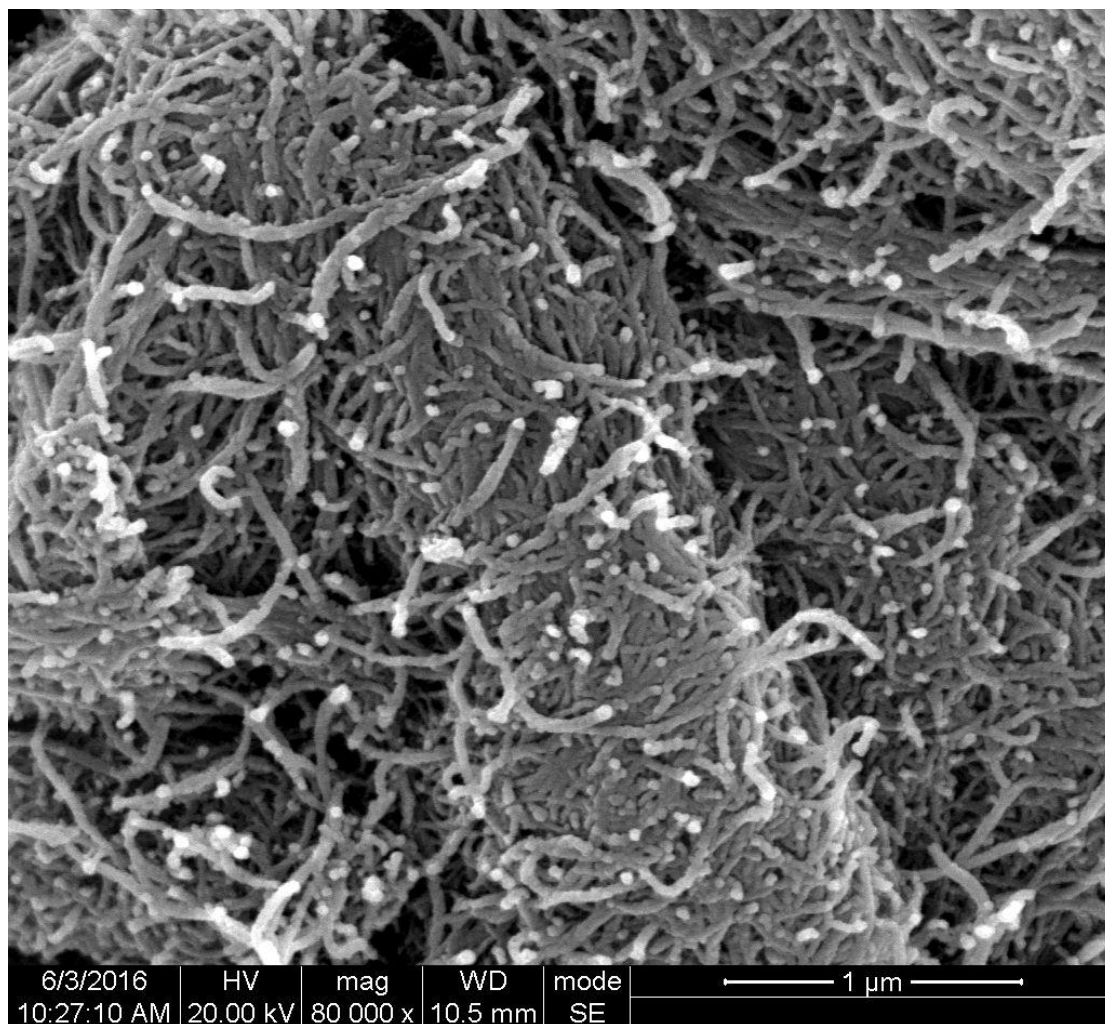
Length: 0.5-2um

SSA: >270m<sup>2</sup>/g [SSA=Specific Surface Area]

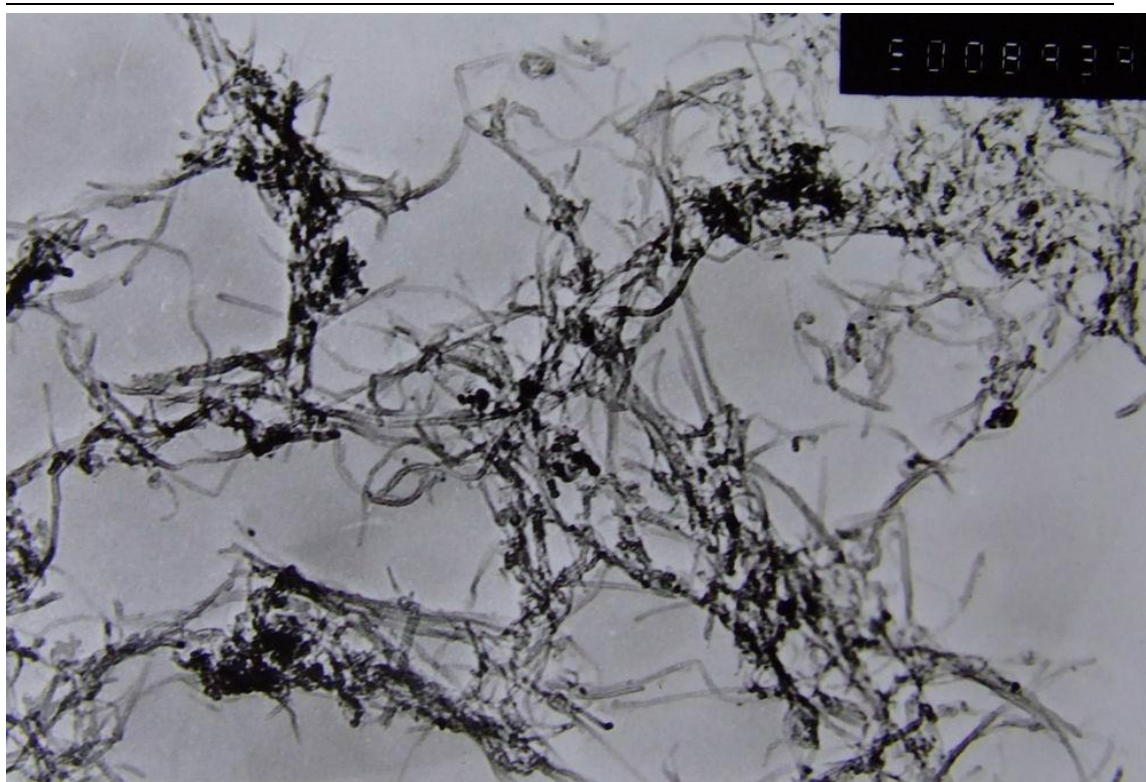
Color: Black

Making method: CVD

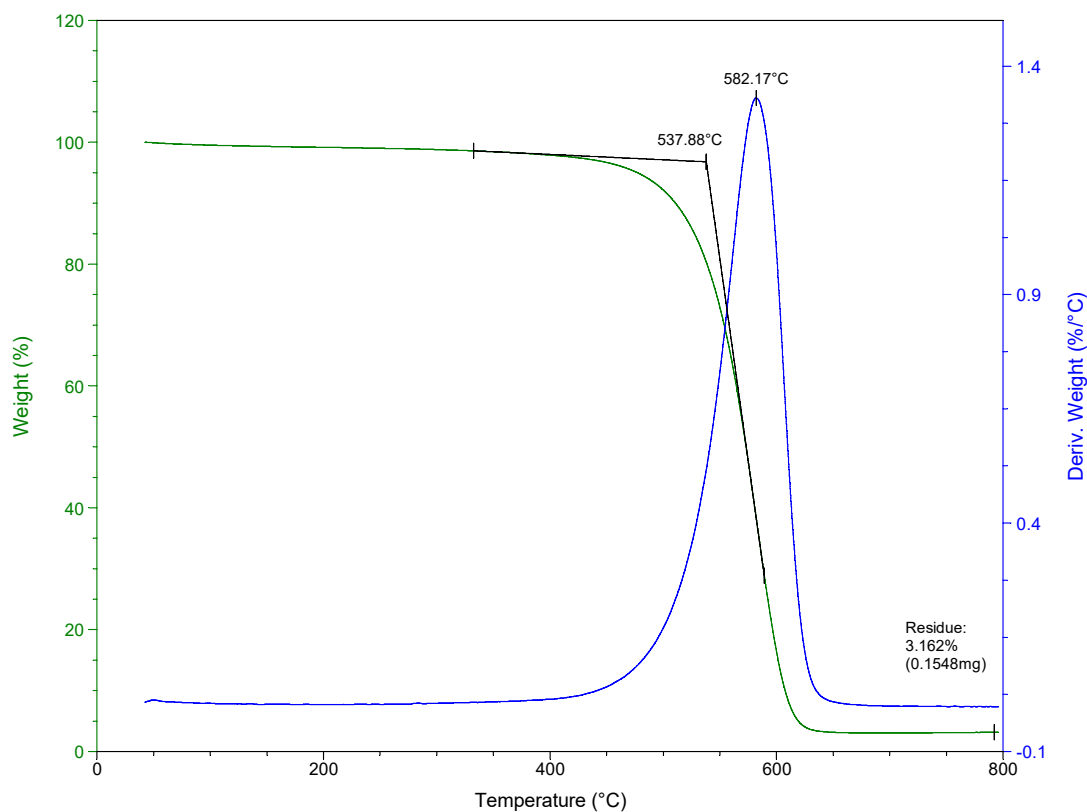
Testing pictures



SEM



TEM



TGA

## 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