

Technical data

Categories No: TNM1

Name: Multi-walled carbon nanotubes (MWCNTs)

Purity: >98%

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

ID: 2-5nm [ID=Inner Diameter]

Length: 10-30um

SSA: 220-300m²/g [SSA=Special Surface Area]

Color: Black

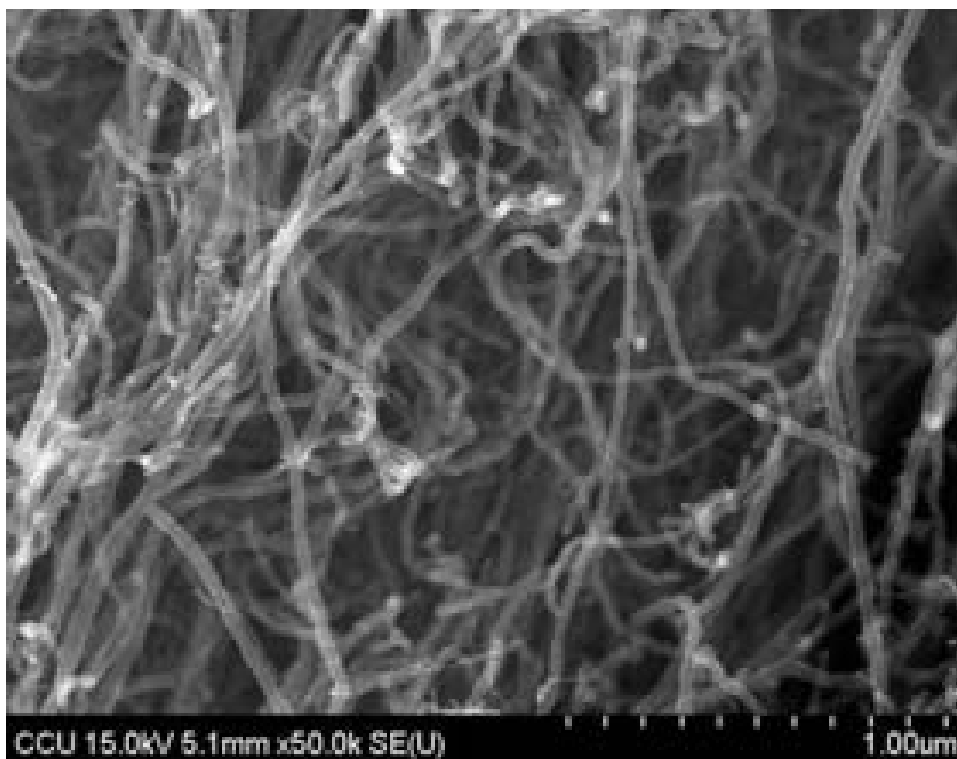
EC: >100s/cm [EC=Electric Conductivity]

Making method: CVD

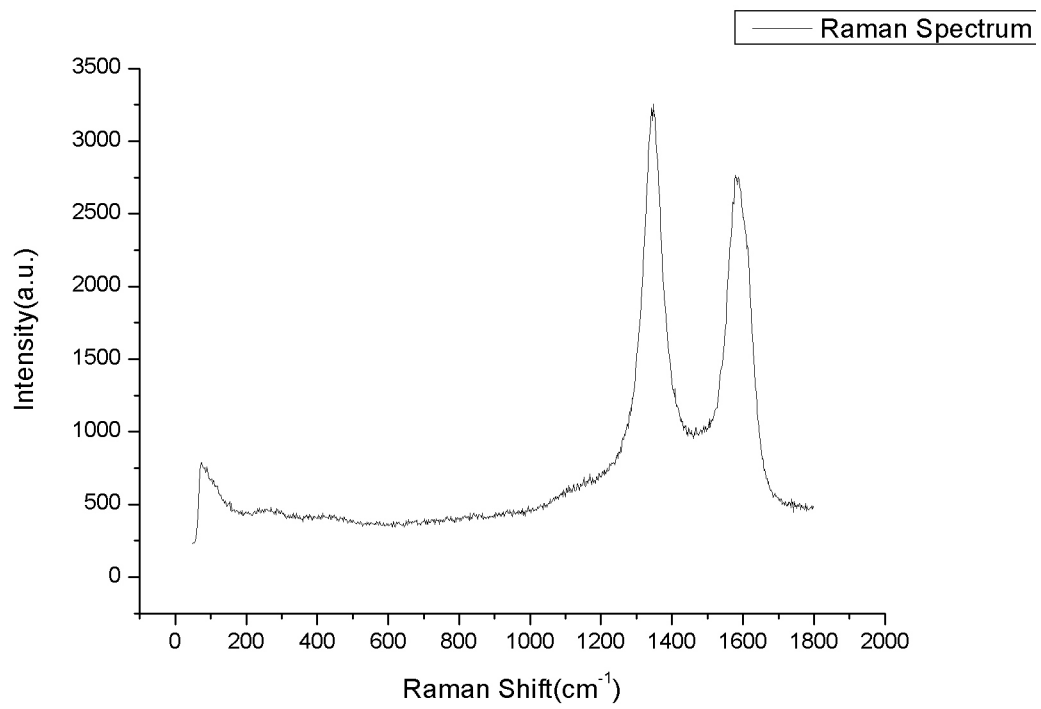
Testing pictures



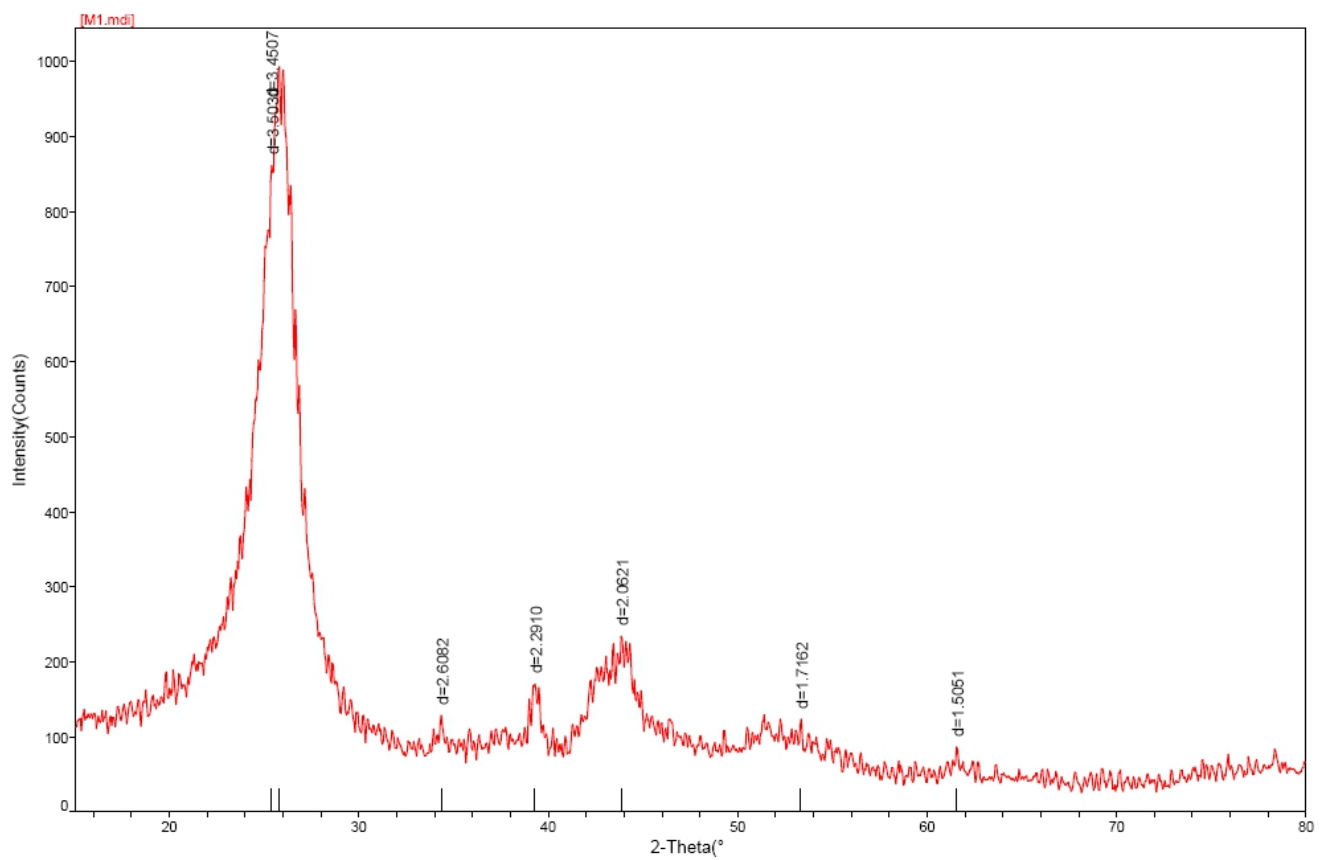
Transmission Electron Microscopy (TEM)



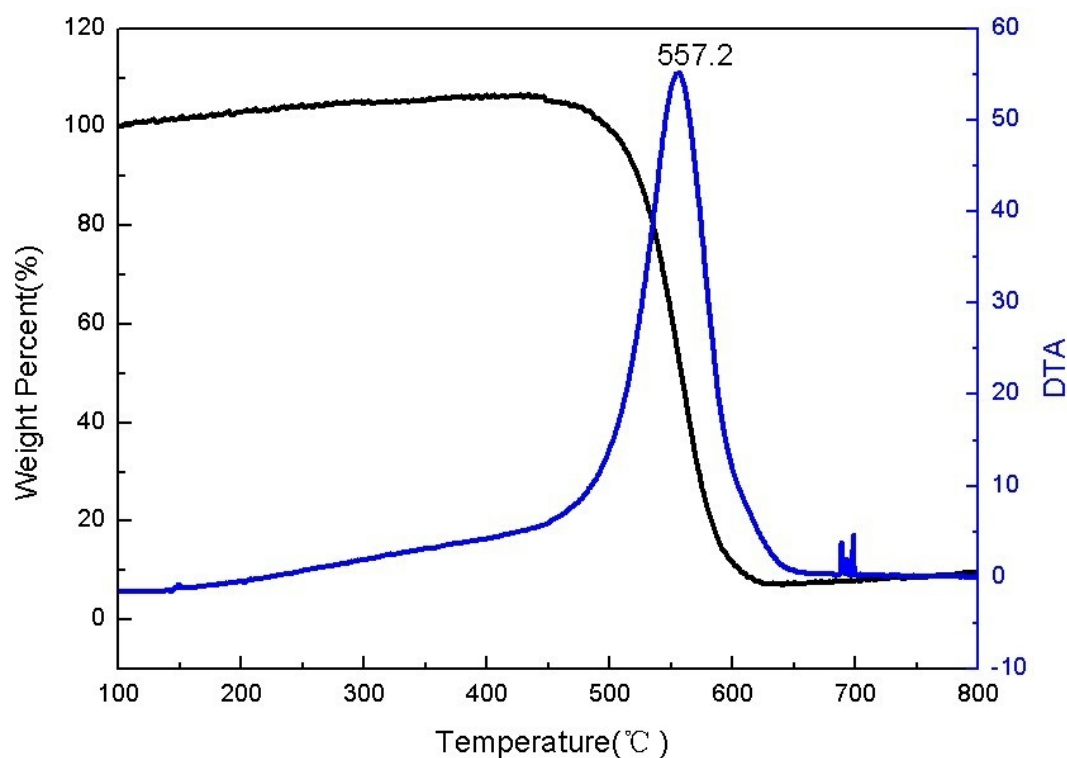
Scanning Electron Microscopy (SEM)



Raman Spectra



XRD



TGA

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

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Reinforcements in composites

Supercapacitor