

Technical data

Categories No: TNFN-8

Name: Industrial Grade Multi-walled Carbon Nanotubes

Purity: >95%

OD: 50-100nm [OD=Outer Diameter]

ID: 5-15nm [ID=Inner Diameter]

Length: 1-5um

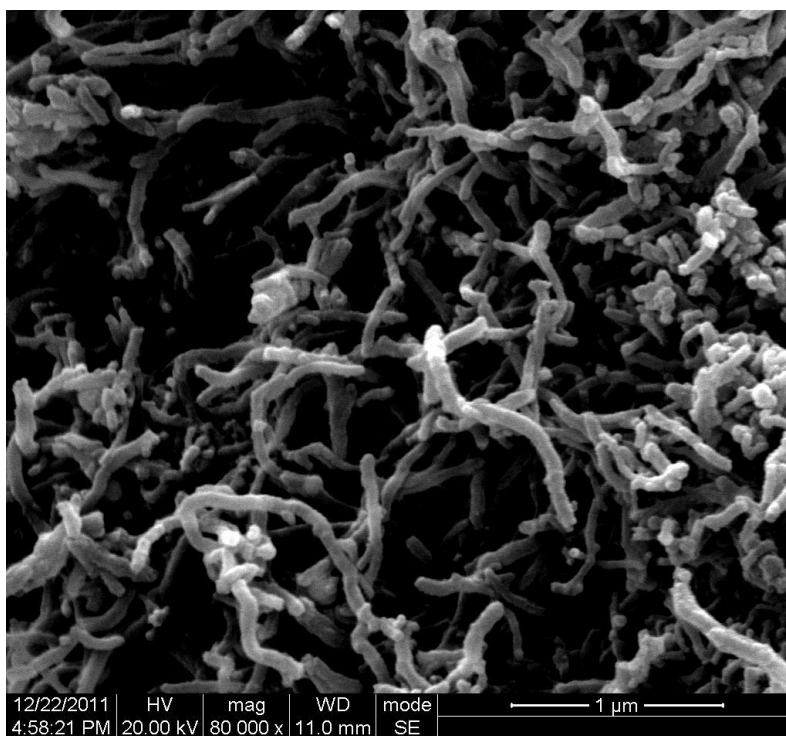
SSA: >110m²/g [SSA=Special Surface Area]

Color: Black

Tap density: 0.31 g/cm³

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