

Technical data

Categories No: TNHIM

Name: Helical Multi-walled Carbon Nanotubes

Helical CNTs Purity: >60%

OD: 100-200nm [OD=Outer Diameter]

Length: 1-10um

SSA: >30m²/g [SSA=Specific Surface Area]

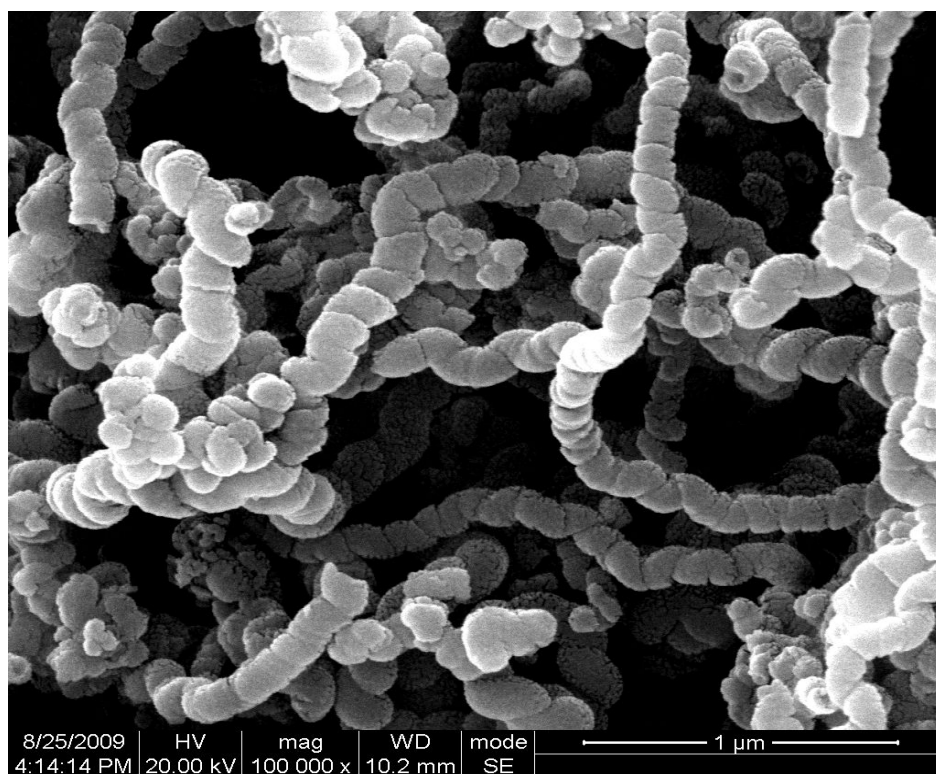
Color: Black

Ingnited Temperature: >560-600°C

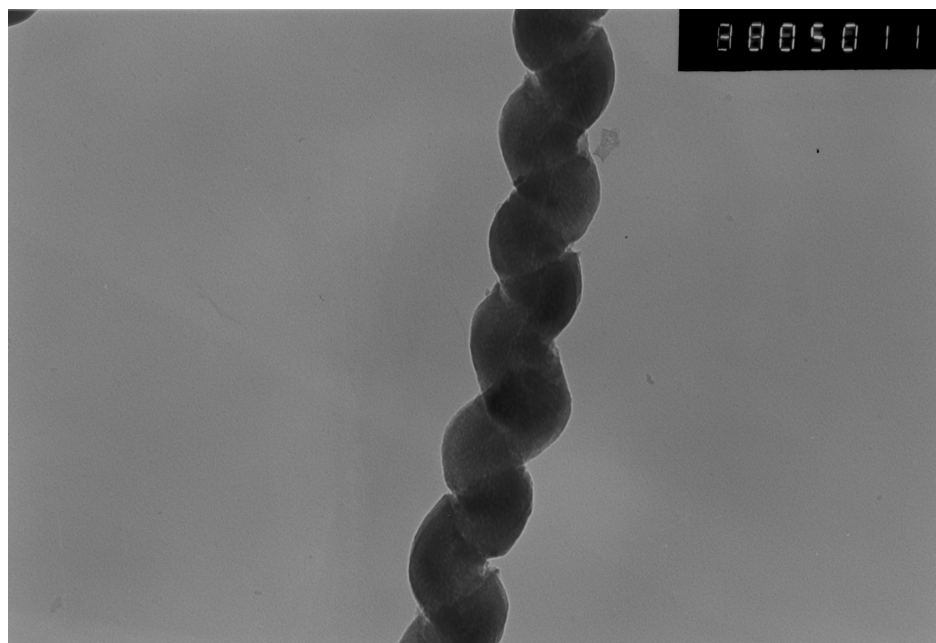
ASH: <5%

Making method: CVD

Testing pictures



Scanning Electron Microscopy (SEM)



Transmission Electron Microscopy (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
Supercapacitor