

Technical data

Categories No: TNIM298F

Name: Industrial Grade Multi-walled Carbon Nanotubes

Purity: >95%

OD: 8-15nm [OD=Outer Diameter]

Length: 30-50 μ m

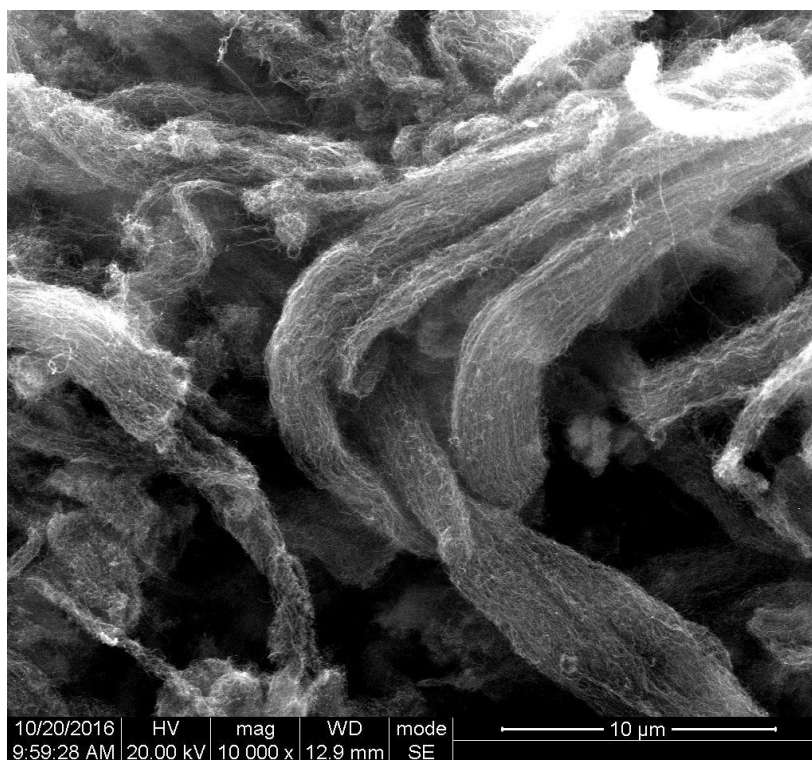
SSA: 200-250m²/g [SSA=Special Surface Area]

ASH:<2%

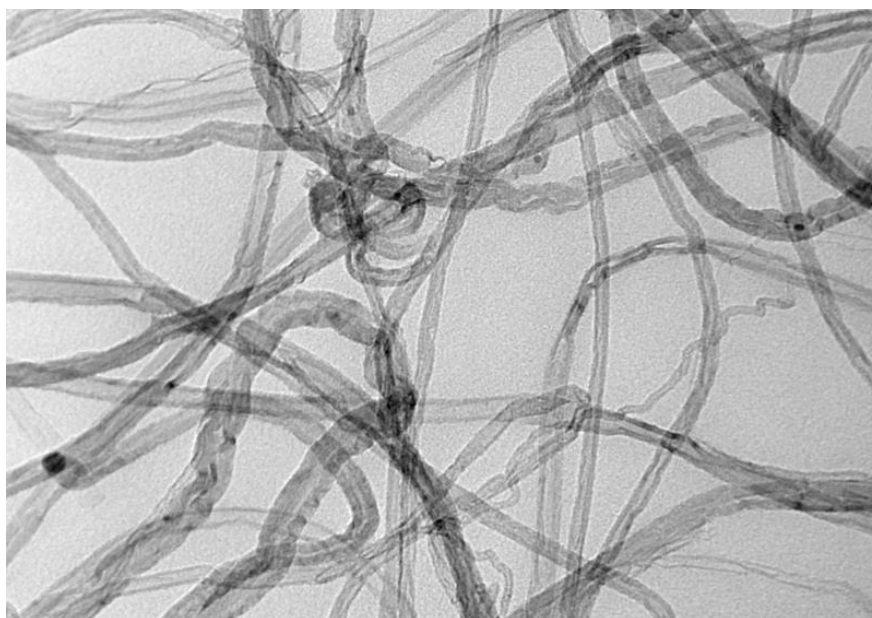
Tap Density: 0.06 g/cm³

Making method: CVD

Testing paper



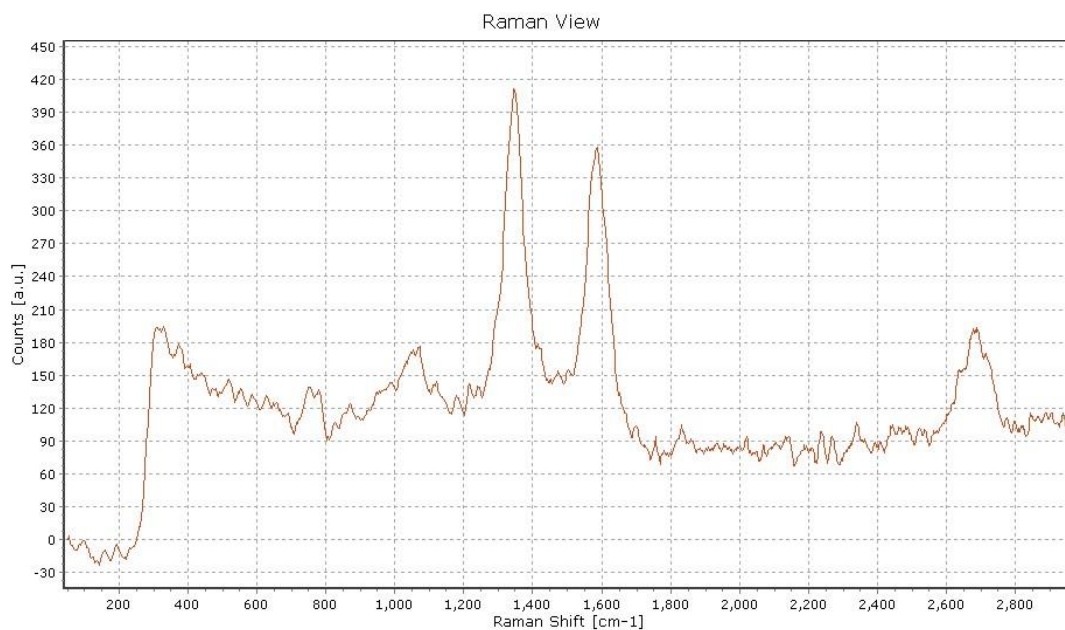
SEM



5-2.tif
2:58:47 p 12-19-16
TEM Mode: Imaging

100 nm
HV=120.0kV
Direct Mag: 200000x
AMT Camera System

TEM



Raman

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