

## Technical data

Categories No: TNIM298F

Name: Industrial Grade Multi-walled Carbon Nanotubes

Purity: >95%

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

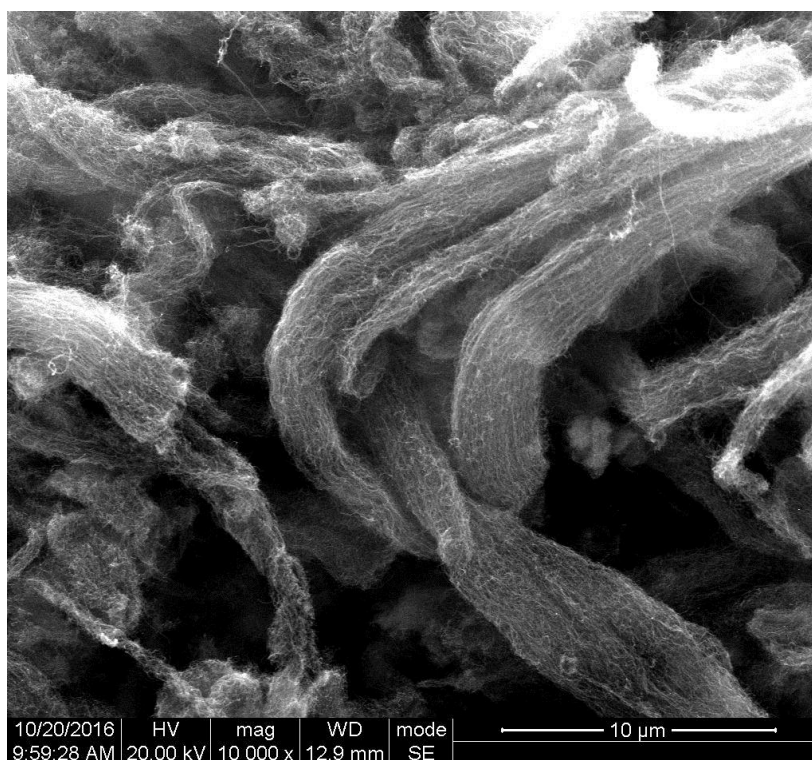
Length: 30-50 $\mu$ m

SSA: 200-250m<sup>2</sup>/g [SSA=Specific Surface Area]

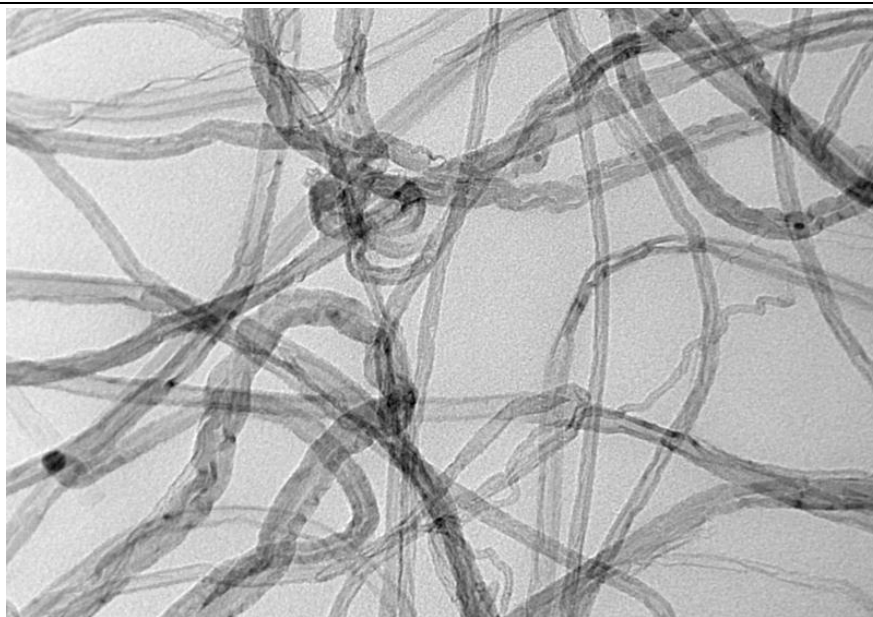
ASH:<2%

Making method: CVD

## Testing paper



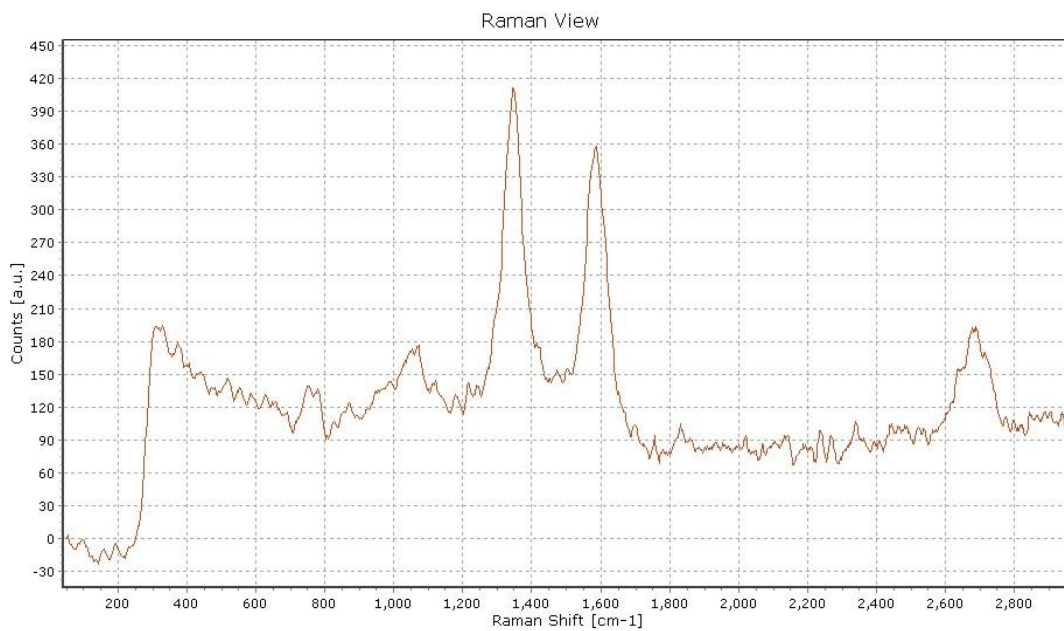
SEM



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