

## Technical data

Categories No: TNNiM5

Name: Ni Coated Multi-walled Carbon Nanotubes (Ni-MWCNTs)

OD:20-30nm [OD=Outer Diameter]

Length: 10-30um

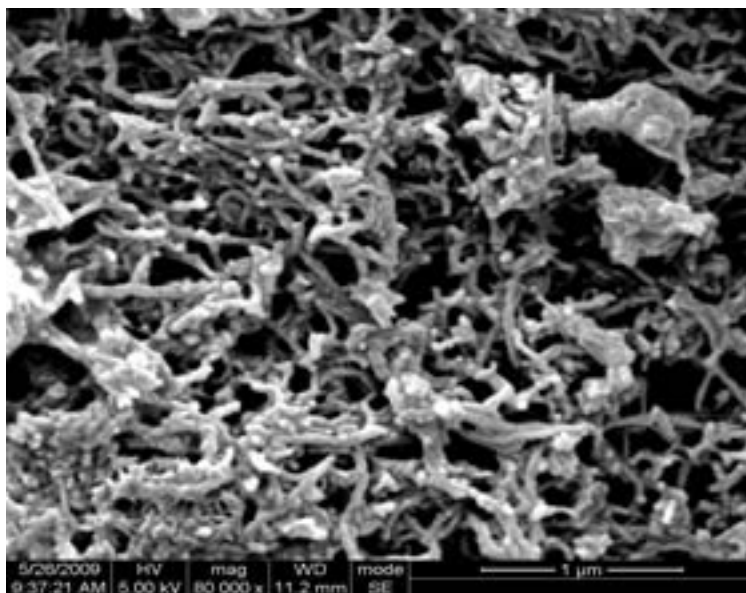
Ni Content: >60wt%

Color: Black

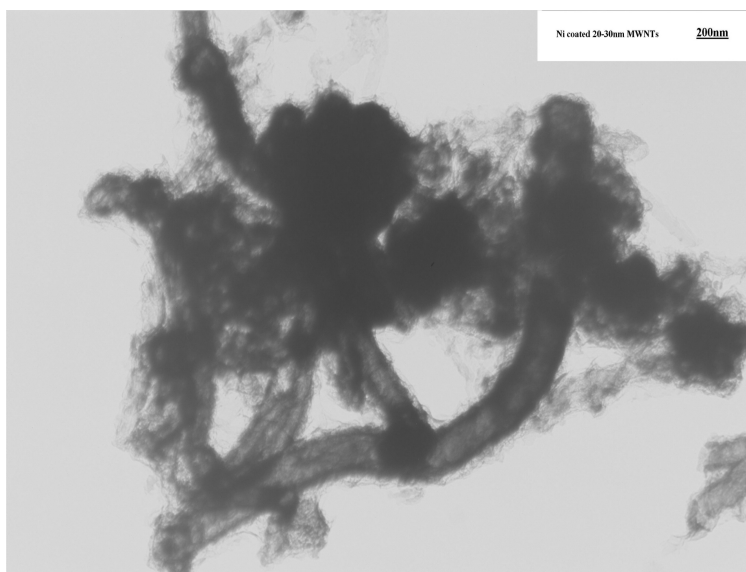
CNTs Content : >38wt%

Making method: CVD

## SEM



## 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