

Technical data

Categories No: TNEM3

Name: High-Electrical Conductivity Multi-walled Carbon Nanotubes

Purity: >90%

OD: 10-20nm [OD=Outer Diameter]

Length: <30 μ m

SSA: 230-280m²/g [SSA=Special Surface Area]

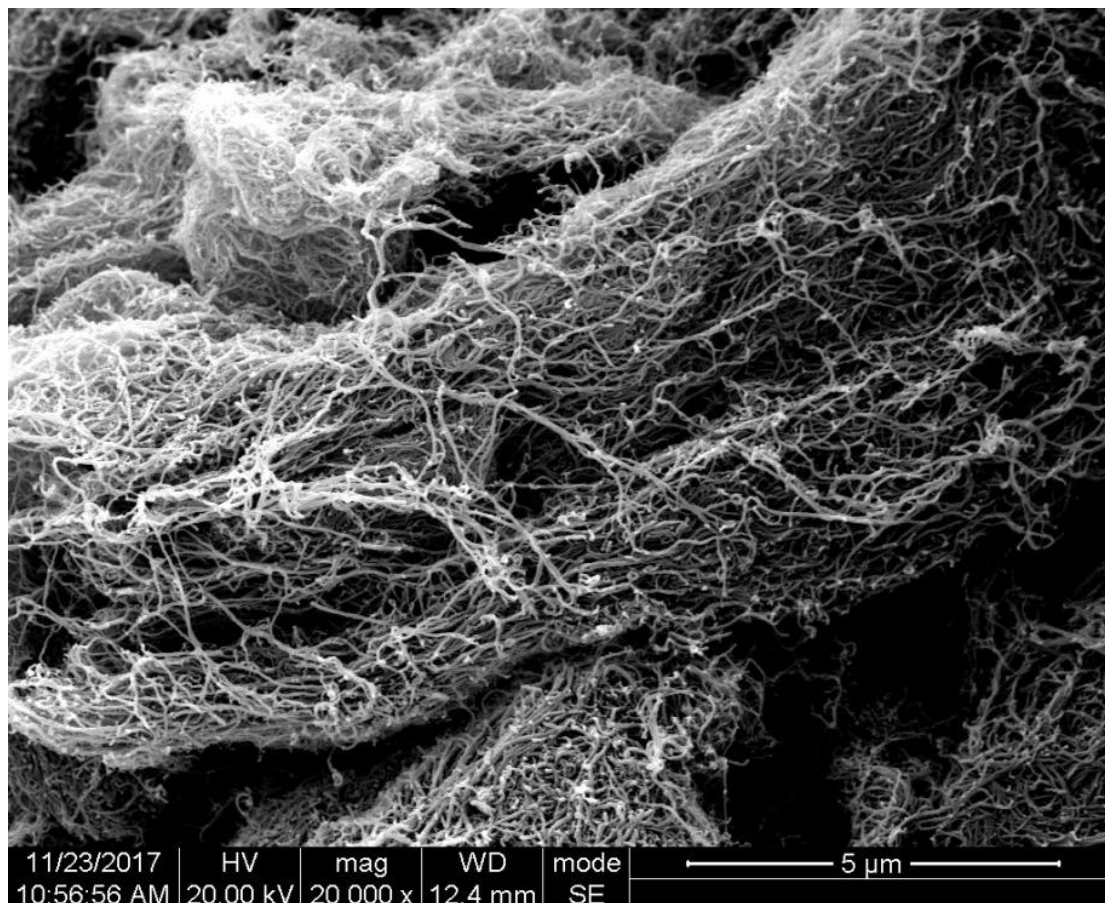
Color: Black

EC: >100s/cm [EC=Electric Conductivity]

Making method: CVD

Testing pictures

SEM



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