

Technical data

Categories No: TNVM3

Name: Industrial Grade Vertically Aligned Multi-walled Carbon Nanotubes

Purity: >80%

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

Length: 10-20 μ m

SSA: 180-220m²/g [SSA=Special Surface Area]

Color: Black

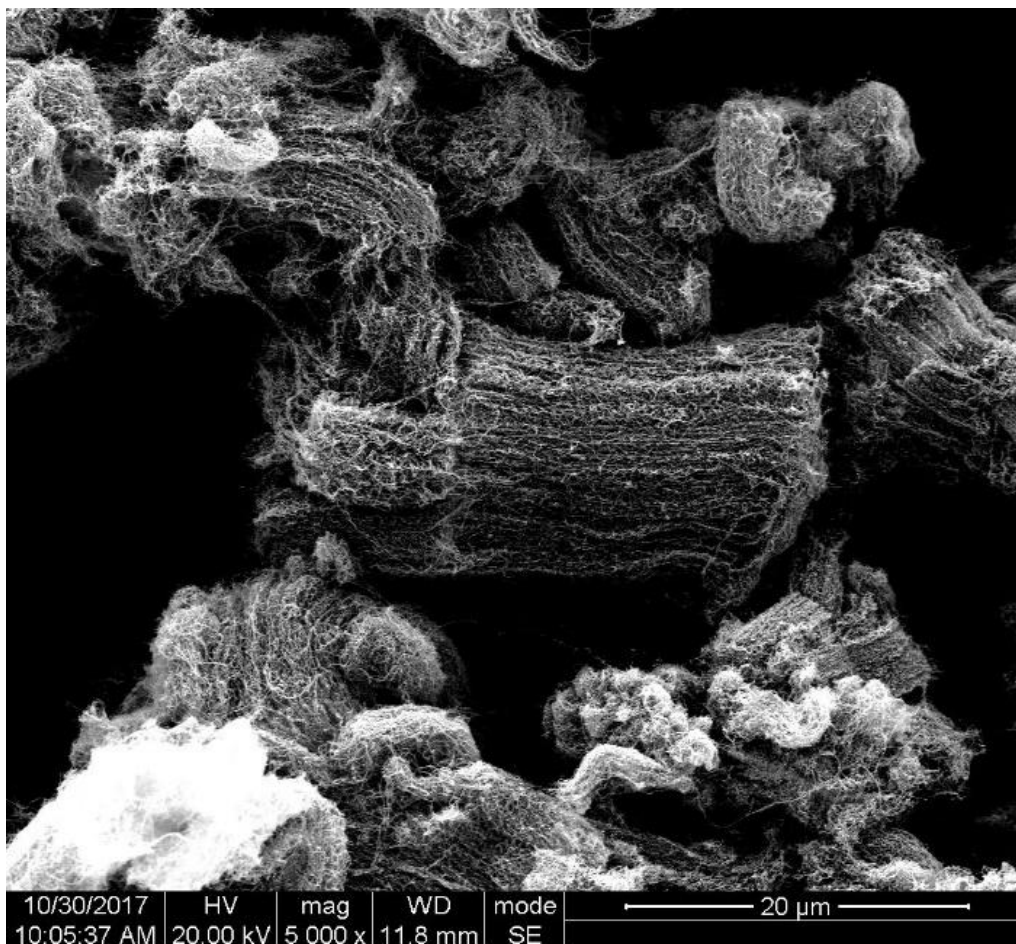
Tap density: 0.015g/cm³

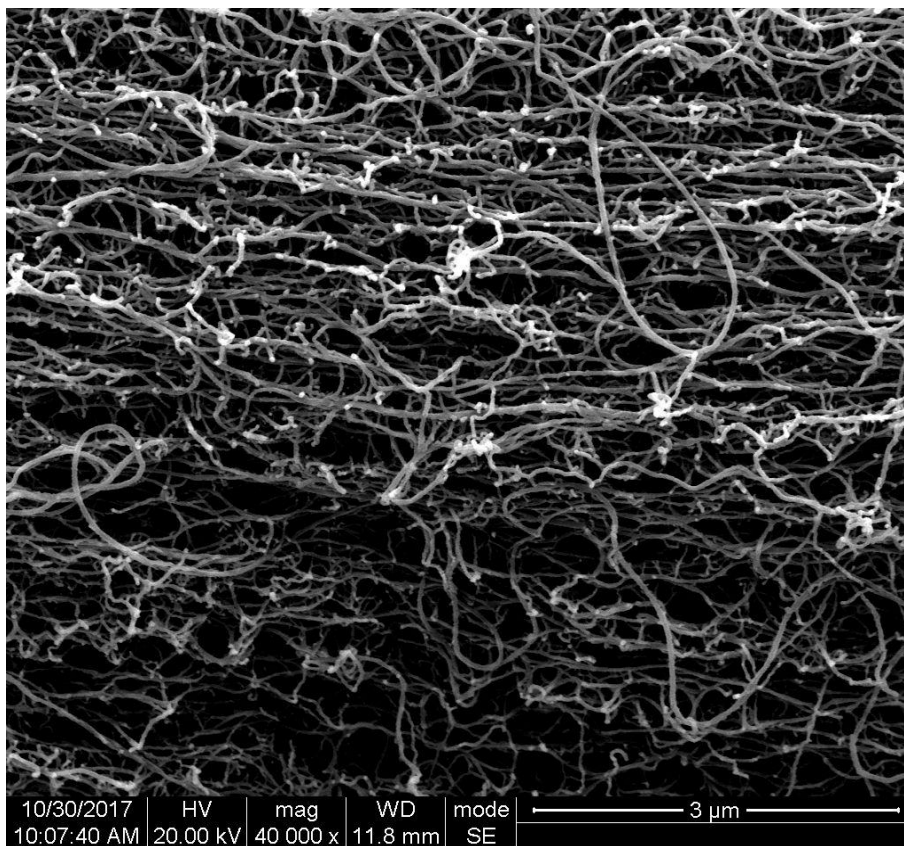
EC: >100s/cm [EC=Electric Conductivity]

Making method: CVD

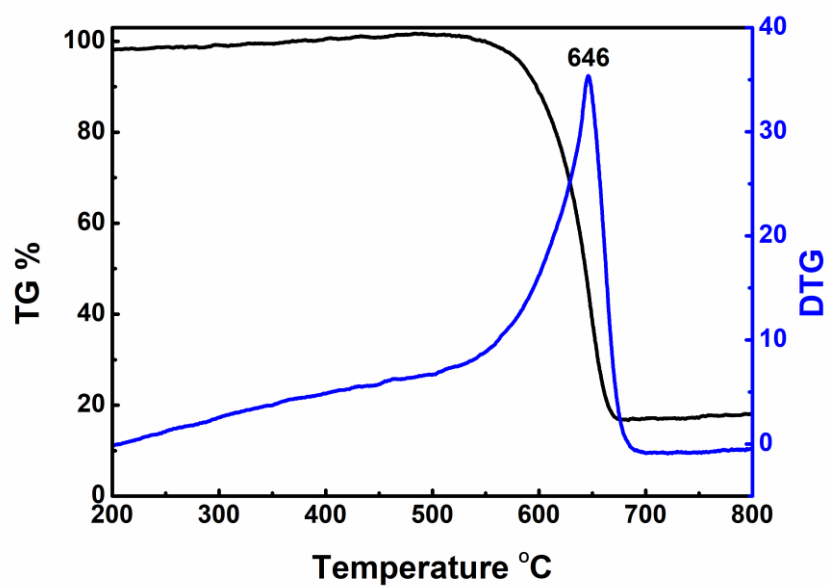
Testing pictures

SEM

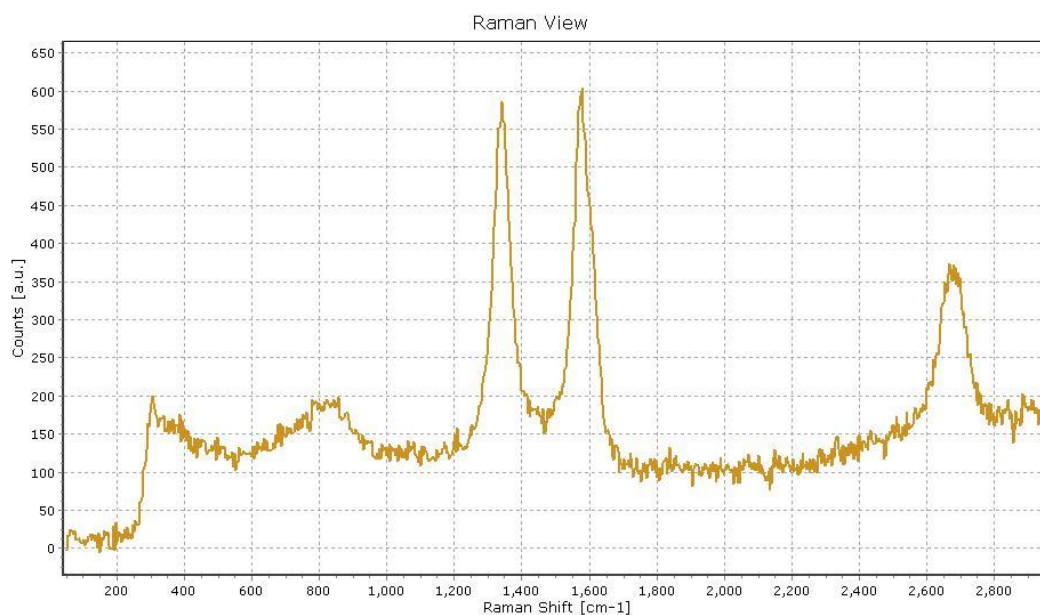




TGA



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