

Technical data

Categories No: TND

Name: Double-Walled Carbon Nanotubes (DWCNTs)

Purity: >60%

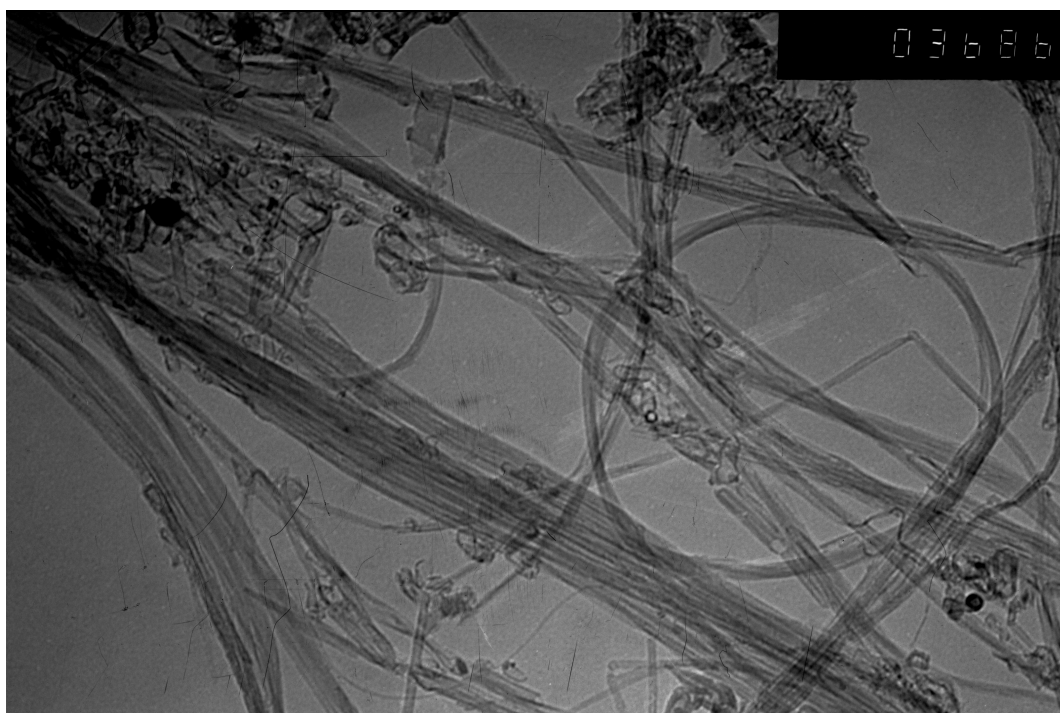
OD: 2-4nm [OD=Outer Diameter]

Length: ~50um

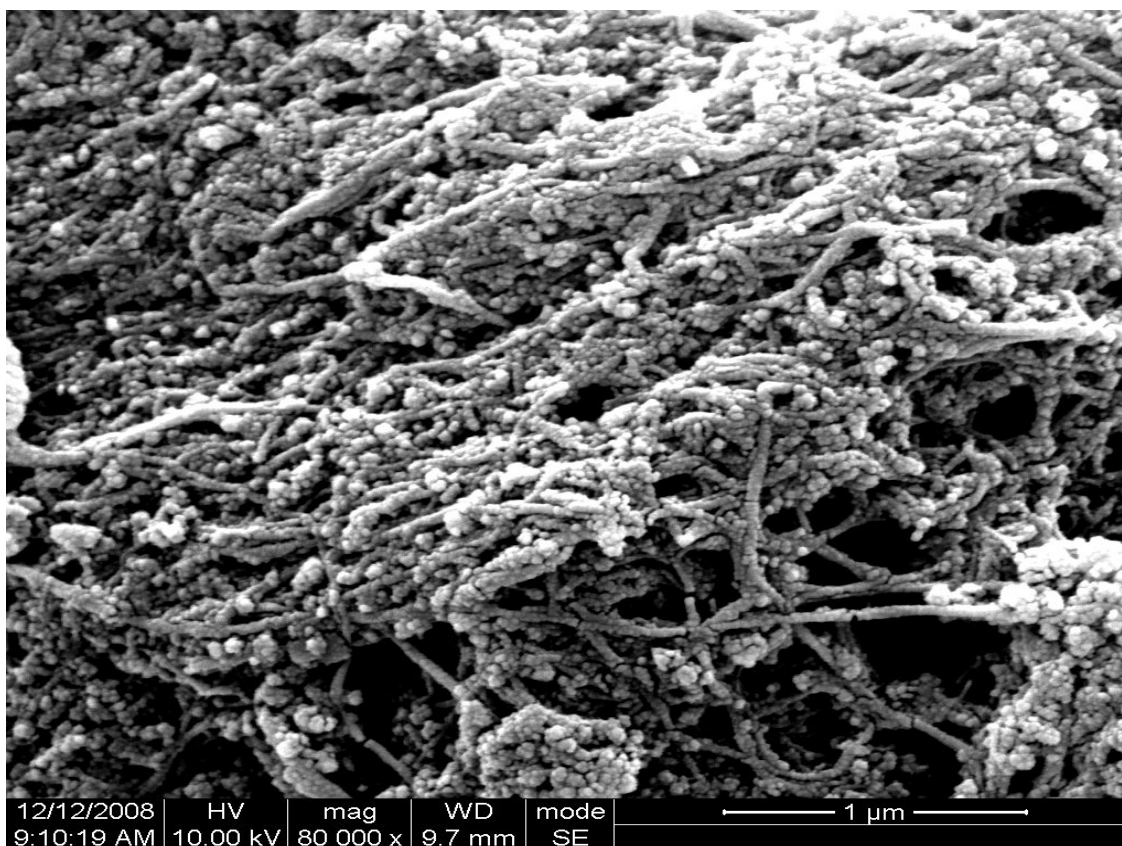
SSA: >340m²/g [SSA=Specific Surface Area]

Color: Black

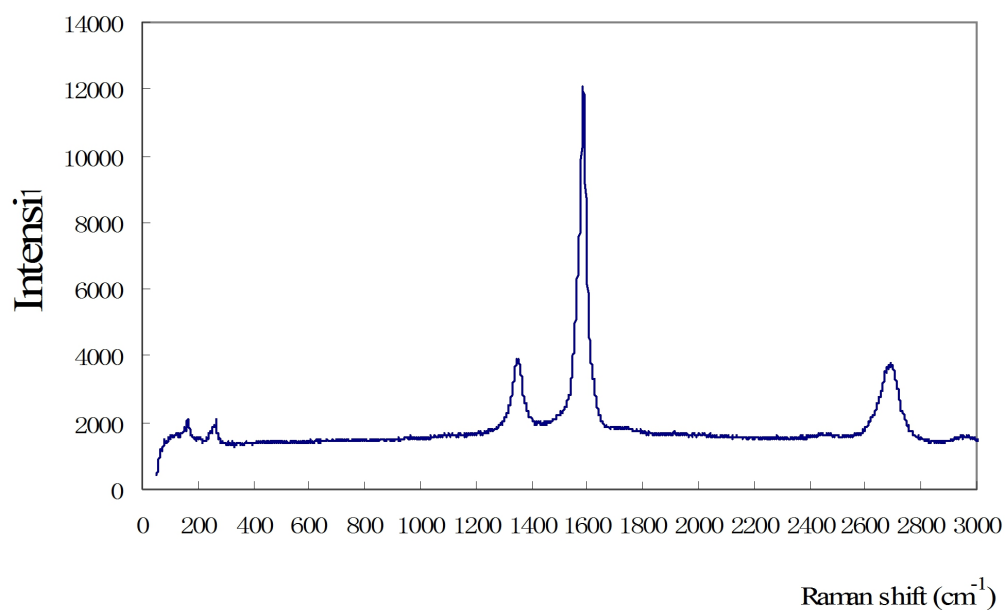
Making method: CVD



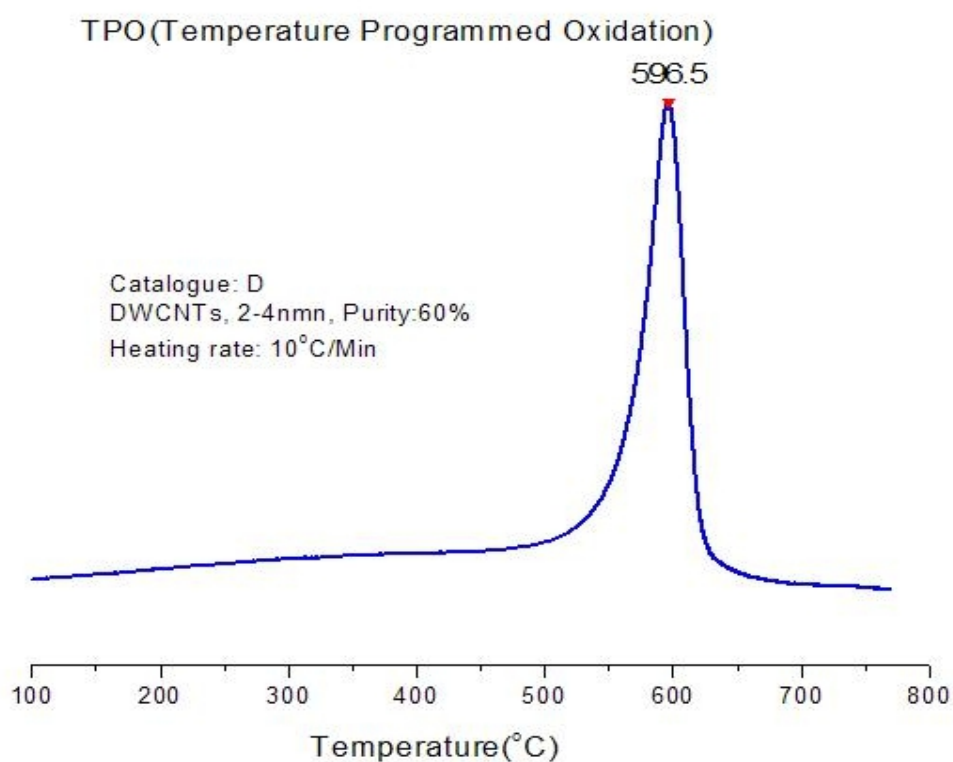
TEM



SEM



Raman Spectrum of DWNT



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