

Technical data

Categories No: TNGM8

Name: Graphitized Multi-walled Carbon Nanotubes

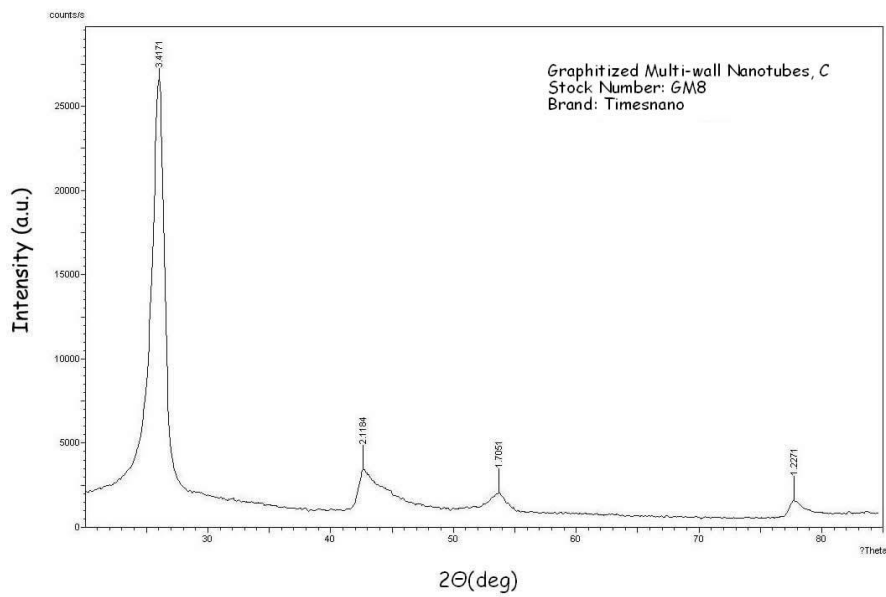
Purity: >99.5%

OD: 30-80nm [OD=Outer Diameter]

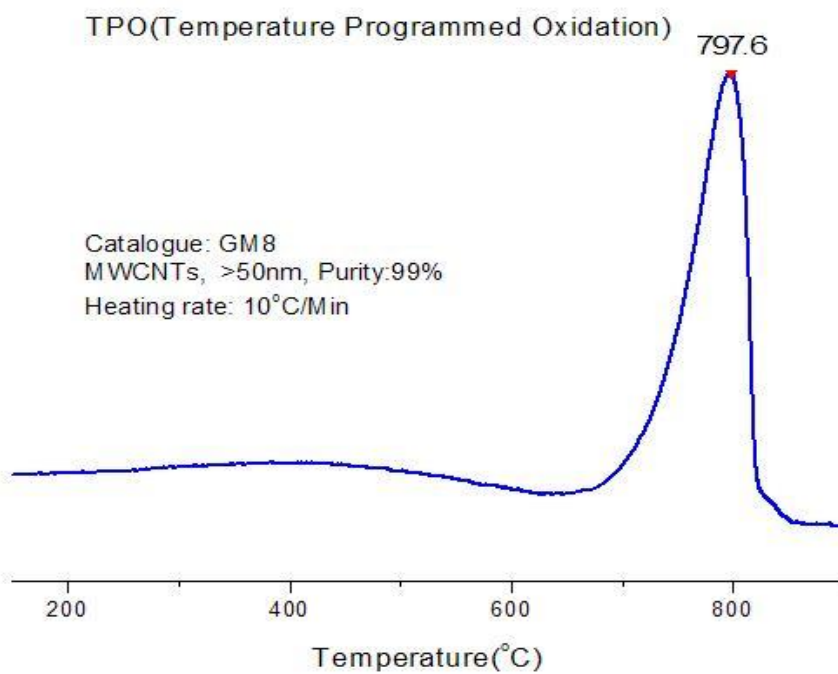
Length: <10um

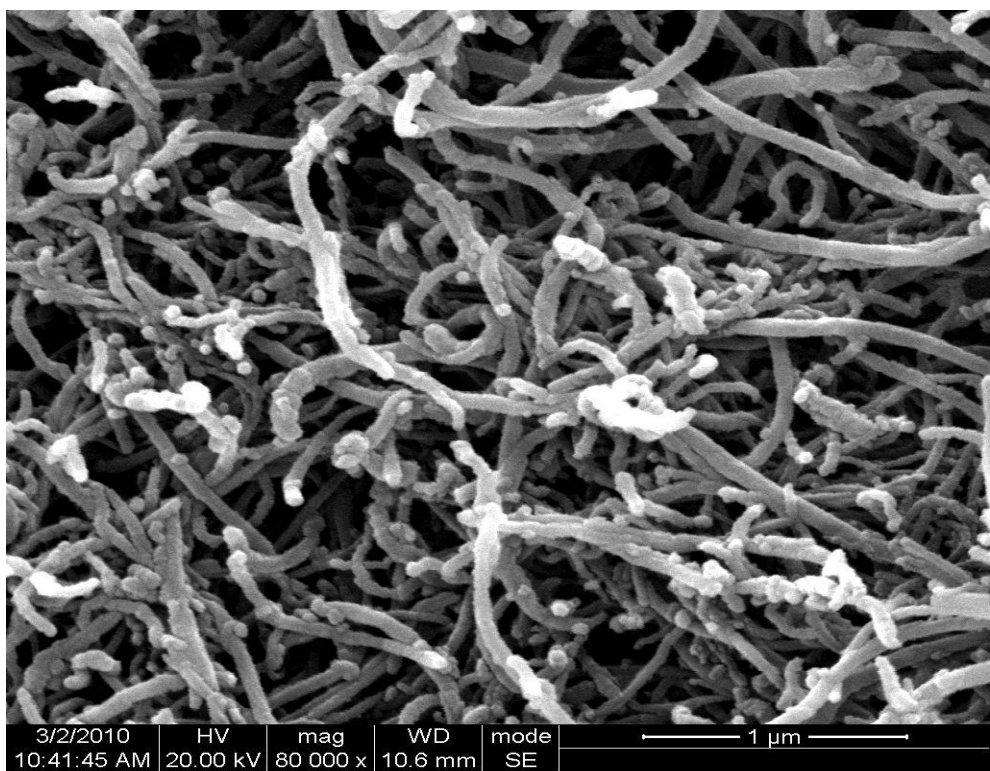
SSA: >60m²/g [SSA=Specific Surface Area]

Color: Black

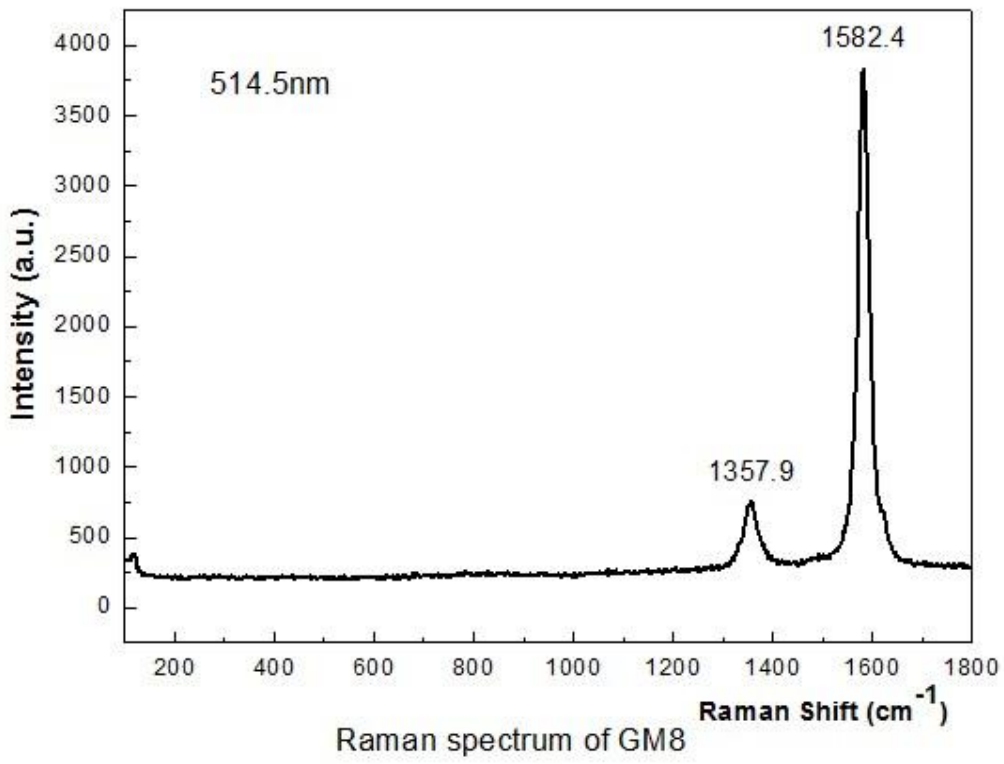


X-ray diffraction pattern





SEM



Application instruction

Potential Application 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