

Technical data

Categories No: TNGMH5

Name: Graphitized -OH Functionalized Multi-walled Carbon Nanotubes

Purity: >99%

-OH Content: 0.88wt%

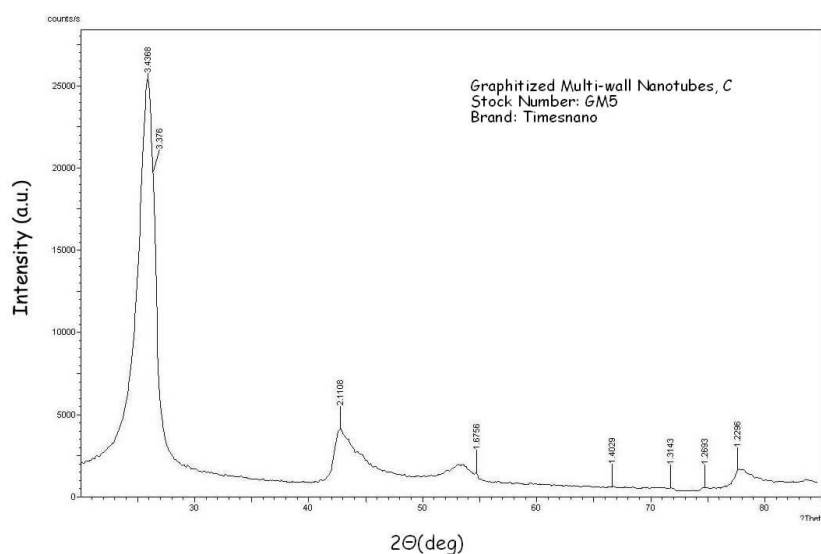
OD: 20-30nm [OD=Outer Diameter]

Length: 5-30um

SSA: >50m²/g [SSA=Specific Surface Area]

Color: Black

Making method: CVD, at 2800°C to preparation



X-ray diffraction pattern

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