

Technical data

Categories No: TNGMC3

Name: Graphitized -COOH Functionalized Multi-walled Carbon
Nanotubes

Purity: >99.5%

-COOH Content: 1.00wt%

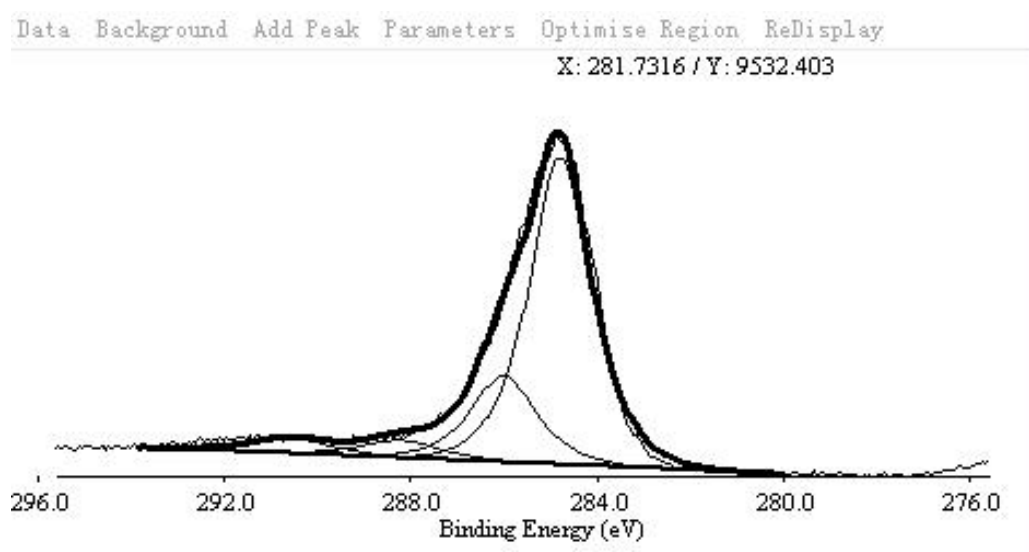
OD: 10-20nm [OD=Outer Diameter]

Length: 5-30um

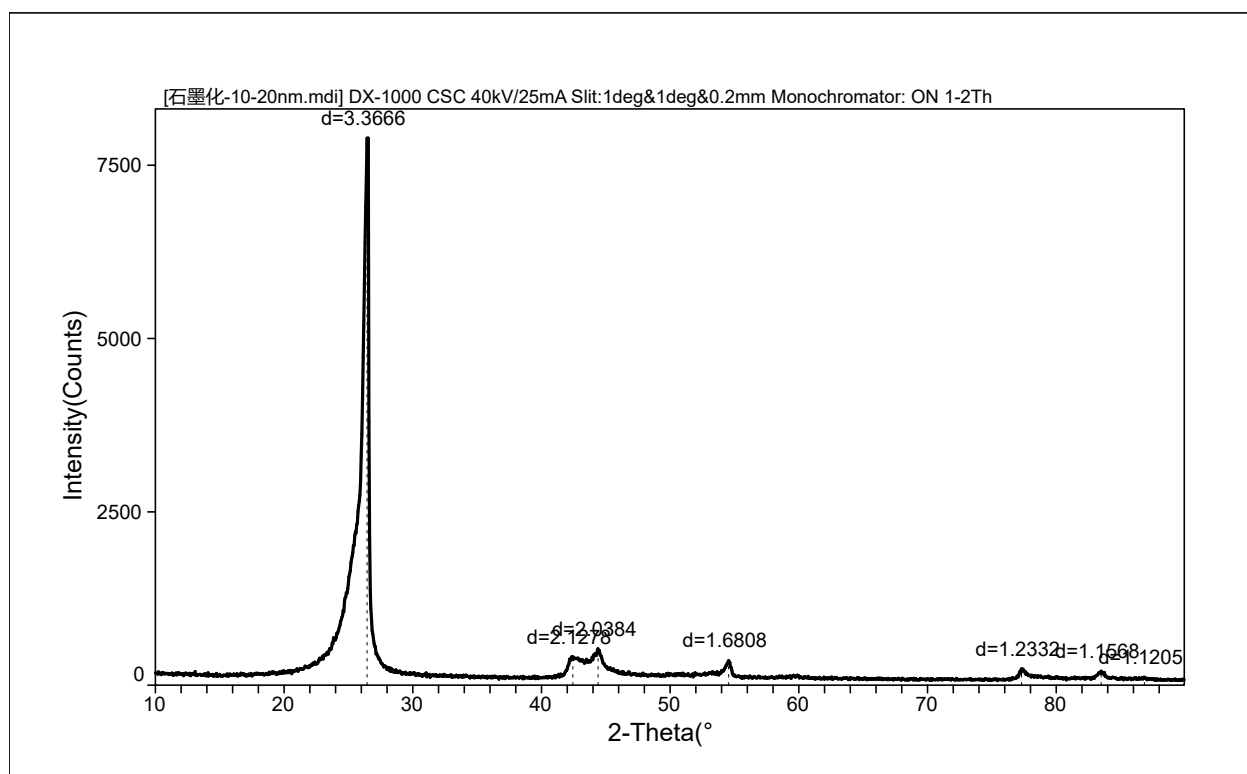
SSA: >80m²/g [SSA=Specific Surface Area]

Color: Black

Making method: CVD, at 2800°C to preparation



XPS



XRD

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