

Technical data

Categories No: TNDC

Name: -COOH Functionalized Double-Walled Carbon Nanotubes

(DWCNTs-COOH)

Purity: >60%

-COOH Content: 2.58wt%

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

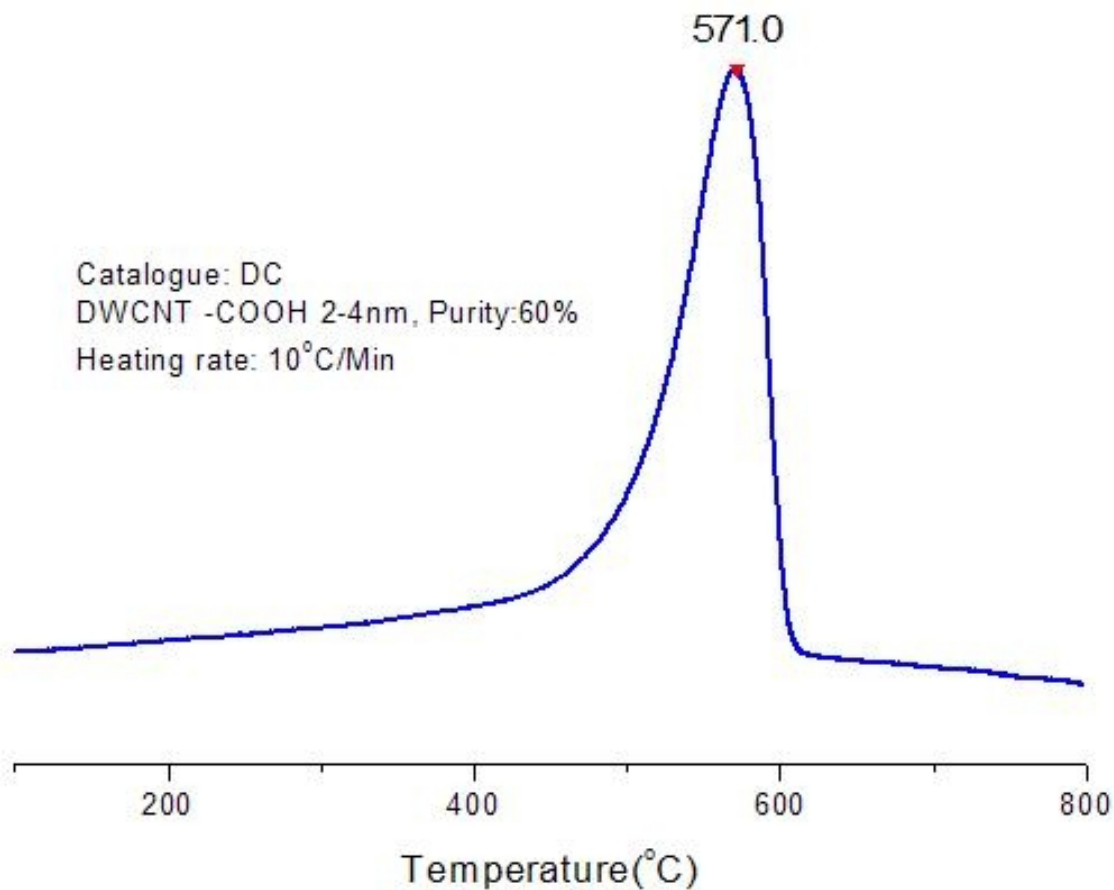
Length: ~50um

SSA: >350m²/g [SSA=Specific Surface Area]

Color: Black

Making method: CVD

TPO Temperature programmed Oxidation



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