

## Technical data

Categories No: TNCF

Name: Carbon Nano Fibers

Purity: >70%

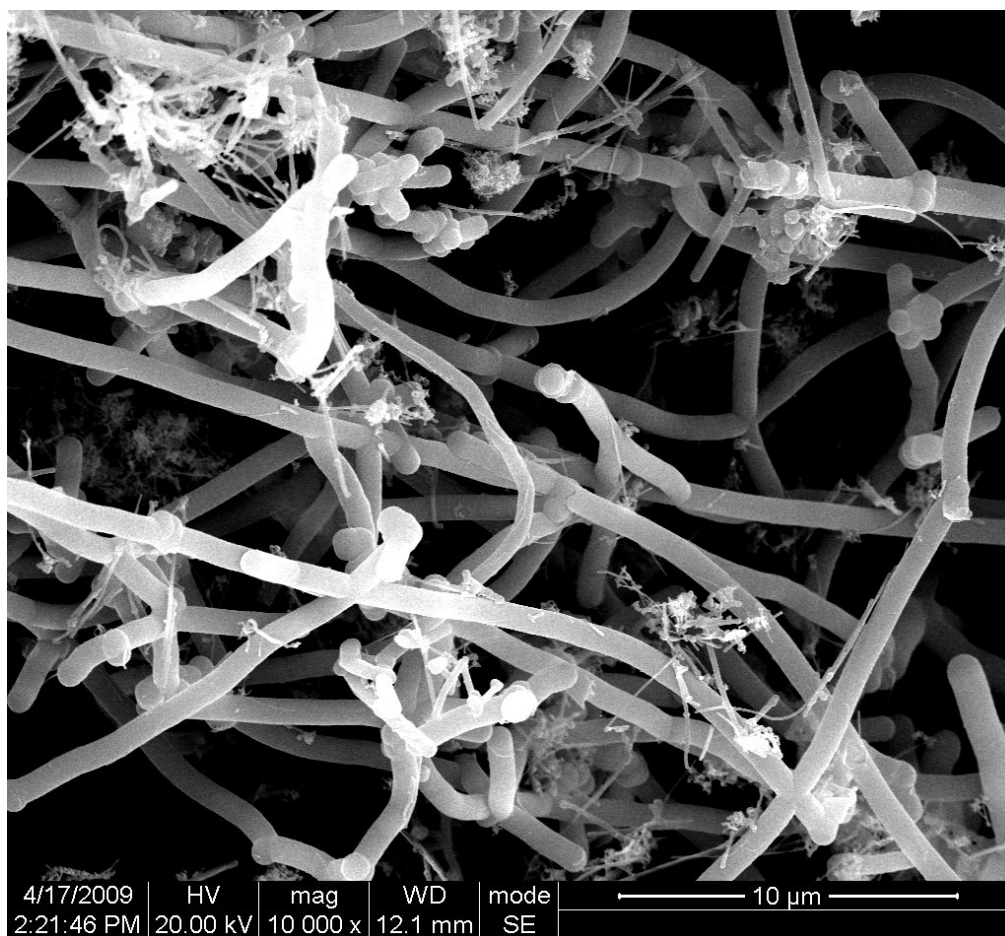
OD: 200-600nm [OD=Outer Diameter]

Length: 5-50um

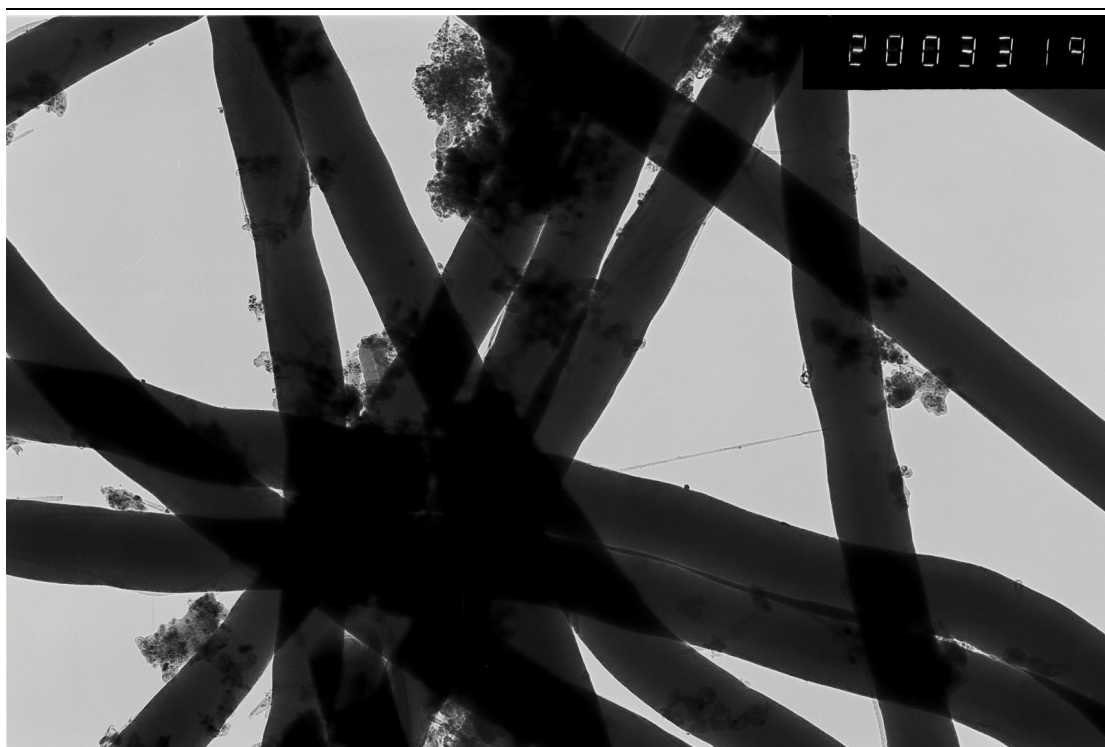
SSA: >18m<sup>2</sup>/g [SSA=Specific Surface Area]

Color: Black

Making method: CVD



SEM



## TEM

### 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

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sensors

Reinforcements in composites

Supercapacitor