

Technical data

Categories No: TNSAR

Name: High Purified Large Surface Area Single-walled Carbon

Nanotubes (SWCNTs)

Purity: >95%

Diameter: 1-2nm

Length: 5-30um

SSA: >1075m²/g [SSA=Special Surface Area]

Color: Black

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