

Technical data

Categories No: TNSSRN

Name: Short High Purified –NH₂ Functionalized Single-walled Carbon Nanotubes (floating catalyst) (SWCNTs-NH₂)

Purity: >95%

- NH₂ Content: >0.5wt%

Diameter: 1-2nm

Length: 1-3um

Color: Black

Testing pictures

Components	Contents (%)
C	94.22
N	0.61

Element Analysis Test

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