

## Technical data

Categories No: TNSRP

Name: High Purified Single-walled Carbon Nanotubes (floating catalyst)(SWCNTs)

Purity: >97%

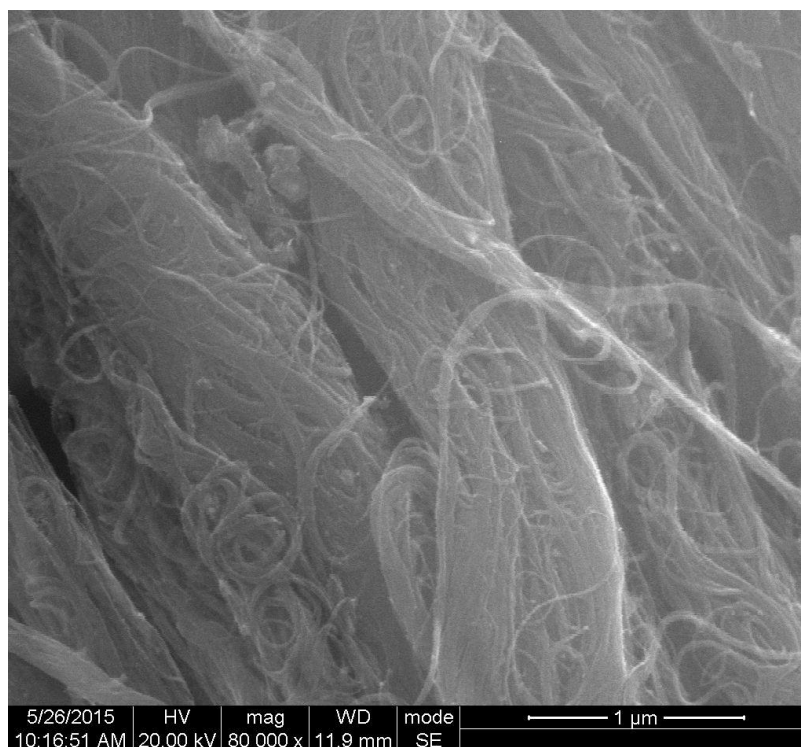
Diameter: 1-2nm

Length: 5-30um

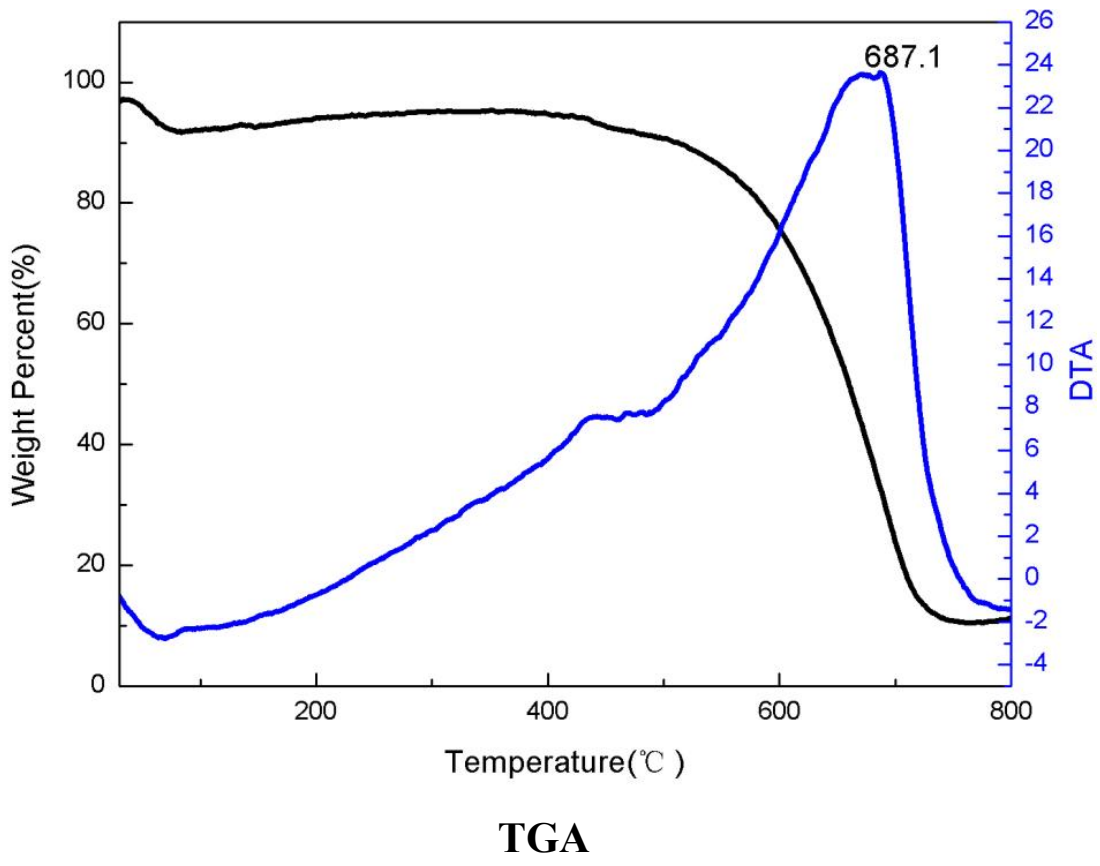
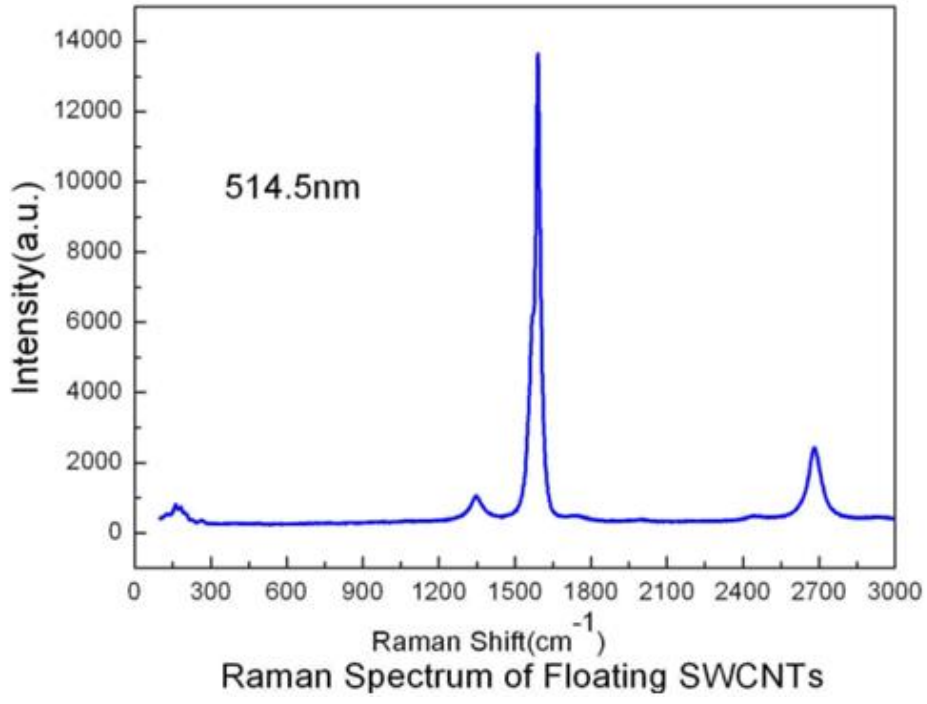
SSA: >640m<sup>2</sup>/g [SSA=Specific Surface Area]

Color: Black

## Testing pictures



Scanning Electron Microscopy (SEM)



## **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