

## Technical data

Categories No.: TNIM1

Name: Industrial Grade Multi-walled Carbon Nanotubes

Purity: >95%

OD: 5-15nm [OD=Outer Diameter]

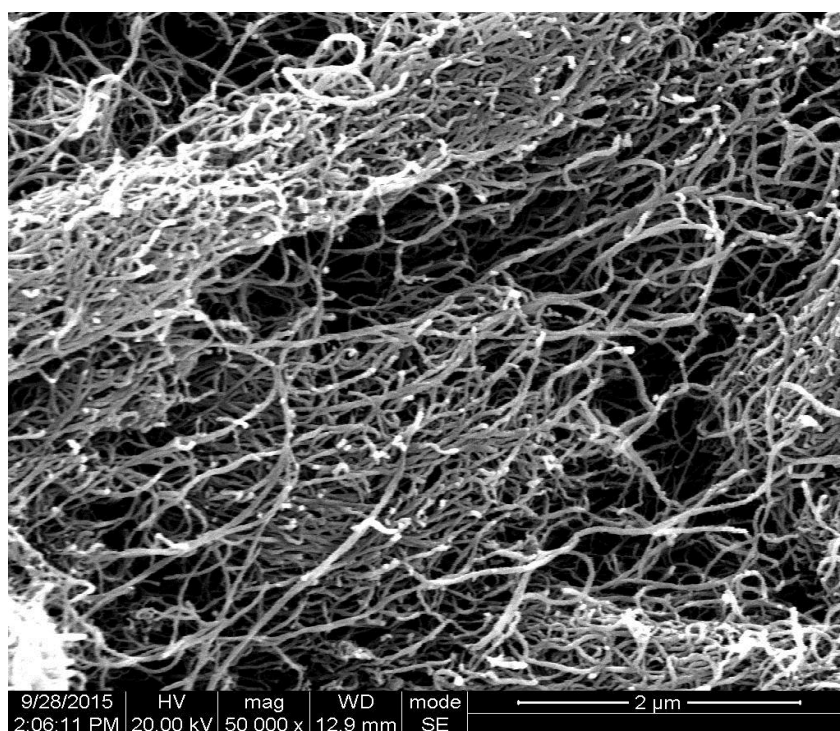
Length: 10-30 $\mu$ m

SSA: 220-300m<sup>2</sup>/g [SSA=Specific Surface Area]

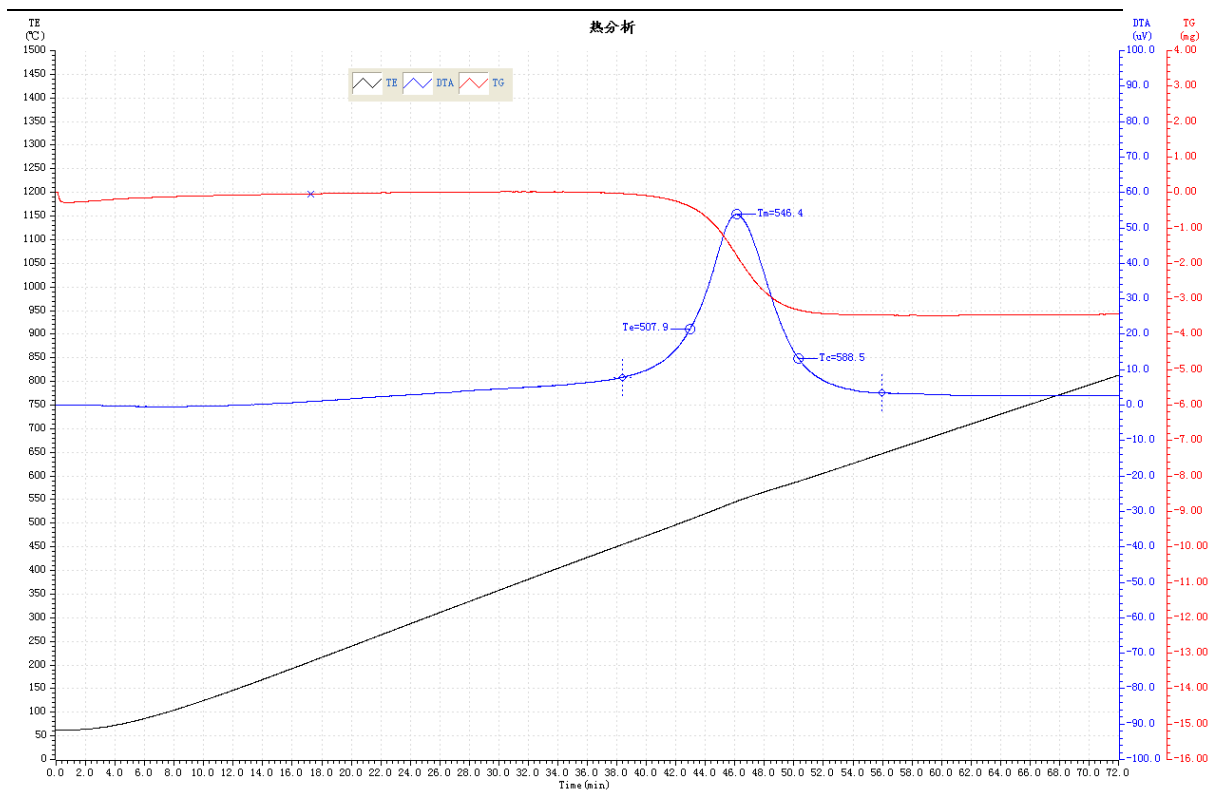
ASH:<3%

Making method: CVD

## Testing paper



SEM



TG and DTA Curves

## **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