

## Technical data

Categories No: TNIMC1

Name: Industrial Grade -COOH Functionalized Multi-walled Carbon Nanotubes

Purity: >95%

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

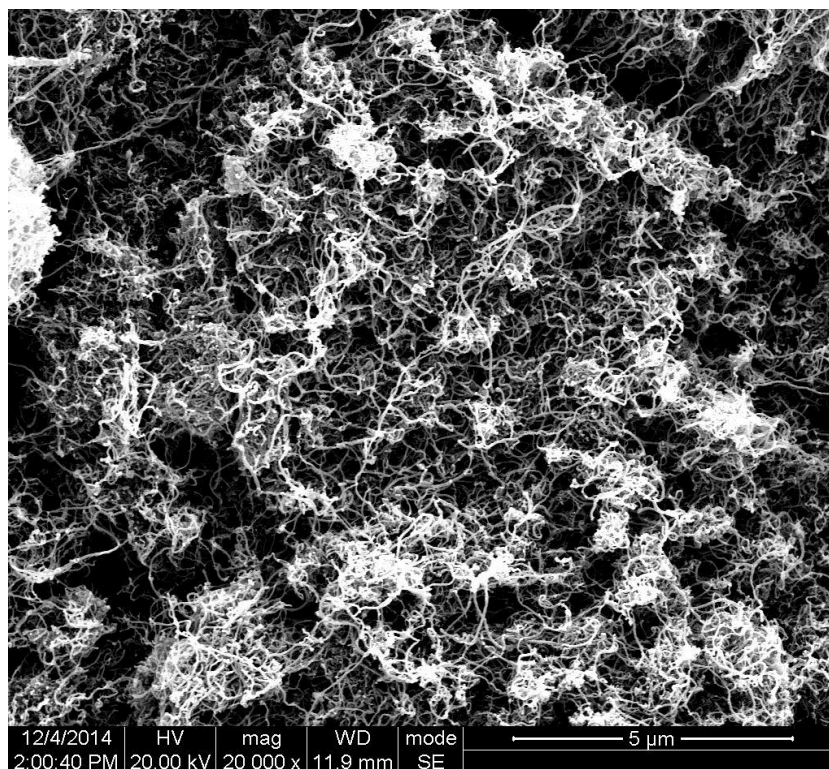
Length: 10-30 $\mu$ m

SSA: 200-240m<sup>2</sup>/g

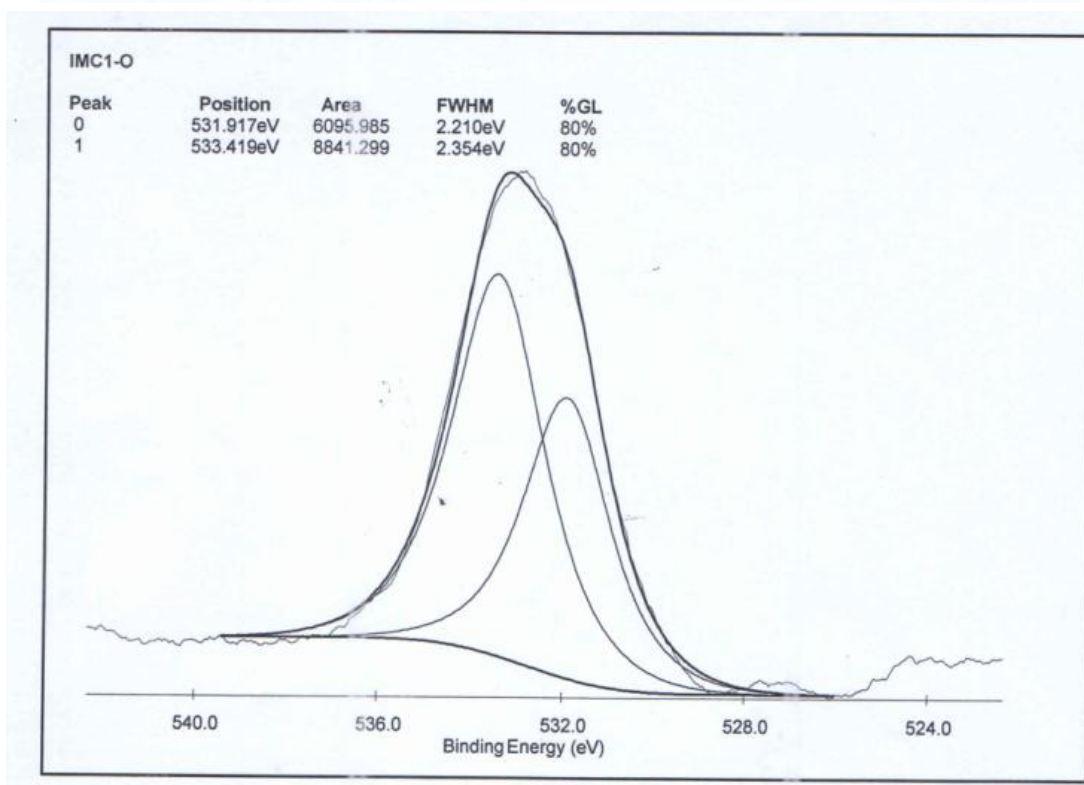
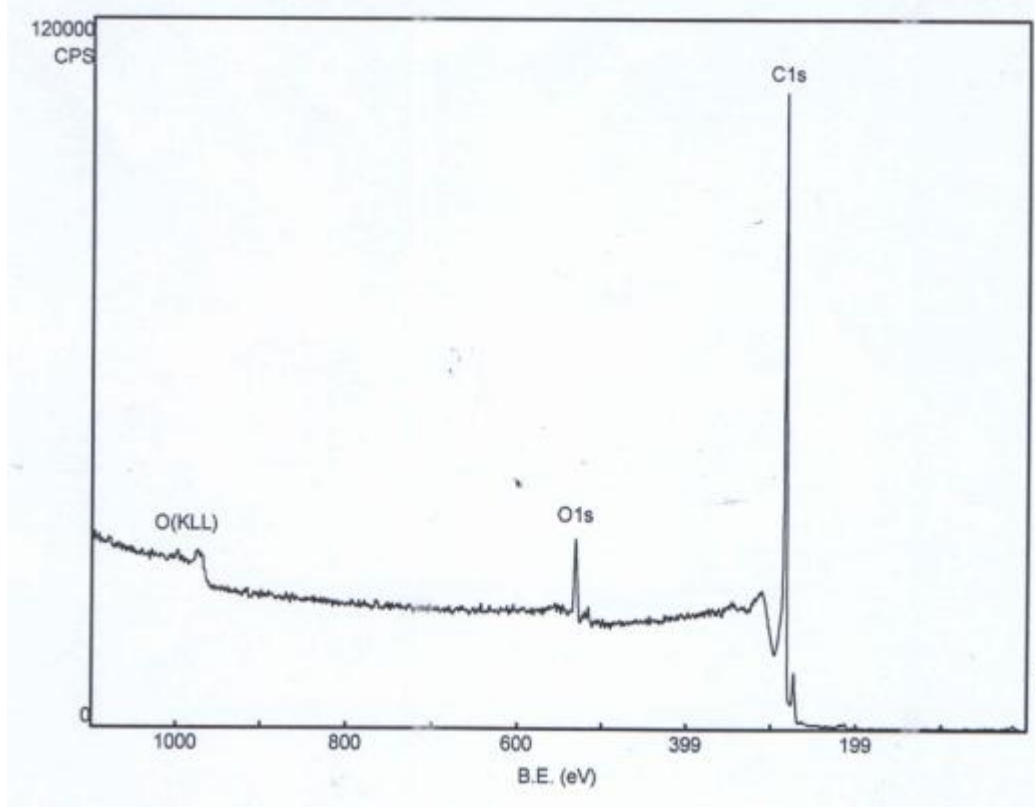
ASH:<3%

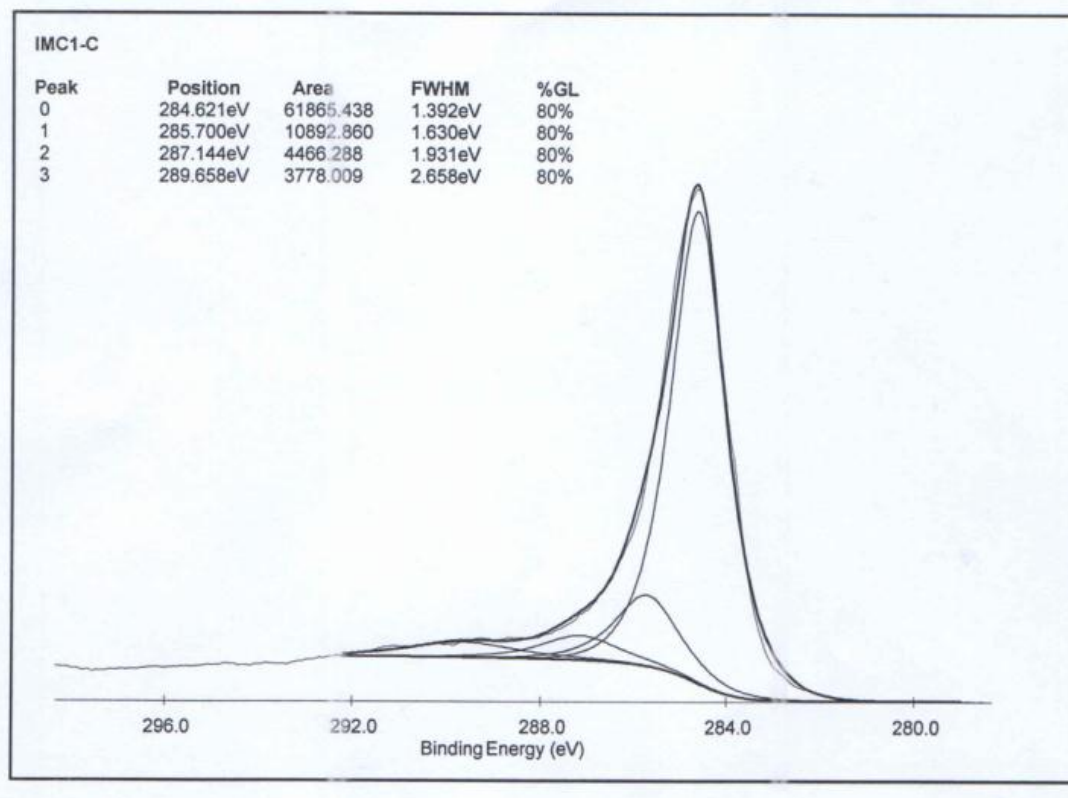
Making method: CVD

## Testing paper



**SEM**





Components	Area(CPS)	Contents	Components
<b>C</b>	<b>81001</b>	<b>0.25</b>	<b>93.47%</b>
<b>O</b>	<b>14937.2</b>	<b>0.66</b>	<b>6.53%</b>

**XPS**

## **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