

Technical data

Categories No: TNSMC2

Name: Short -COOH Functionalized Purified Multi-walled Carbon
Nanotubes

(Short-MWCNTs-COOH)

Purity: >95%

-COOH Content: 2.56wt%

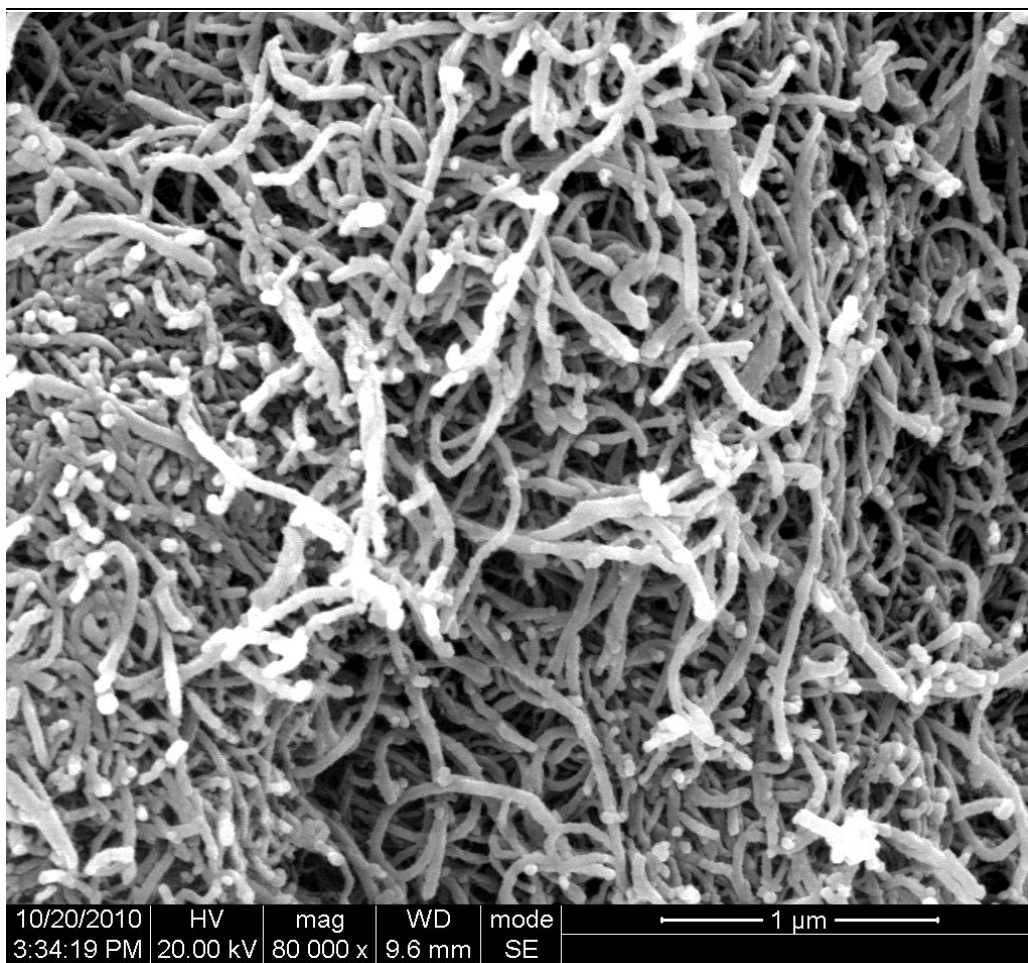
OD: 8-15nm [OD=Outer Diameter]

Length: 0.5-2um

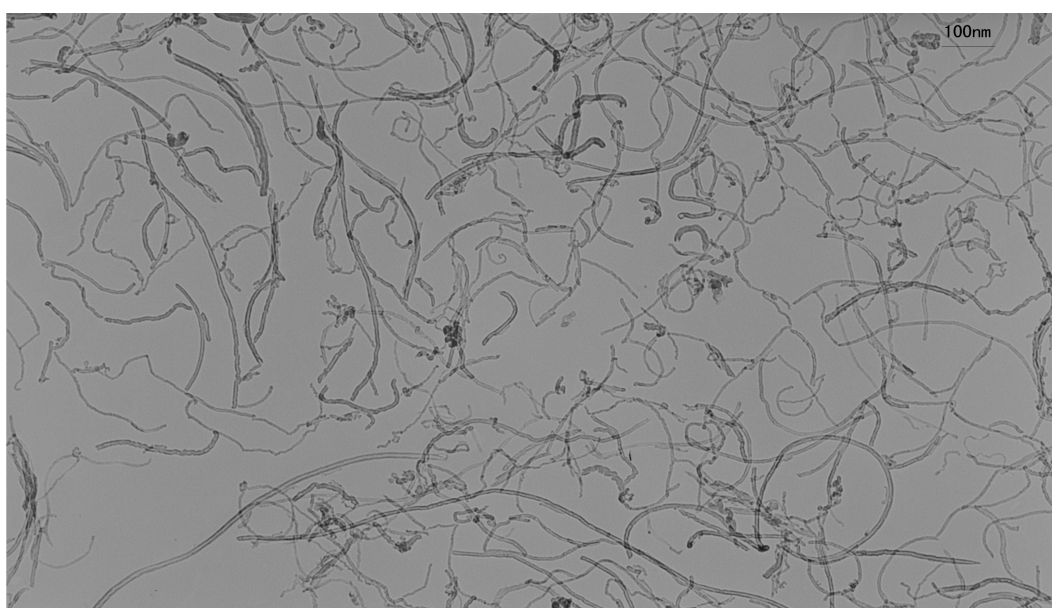
SSA: >160m²/g [SSA=Specific Surface Area]

Color: Black

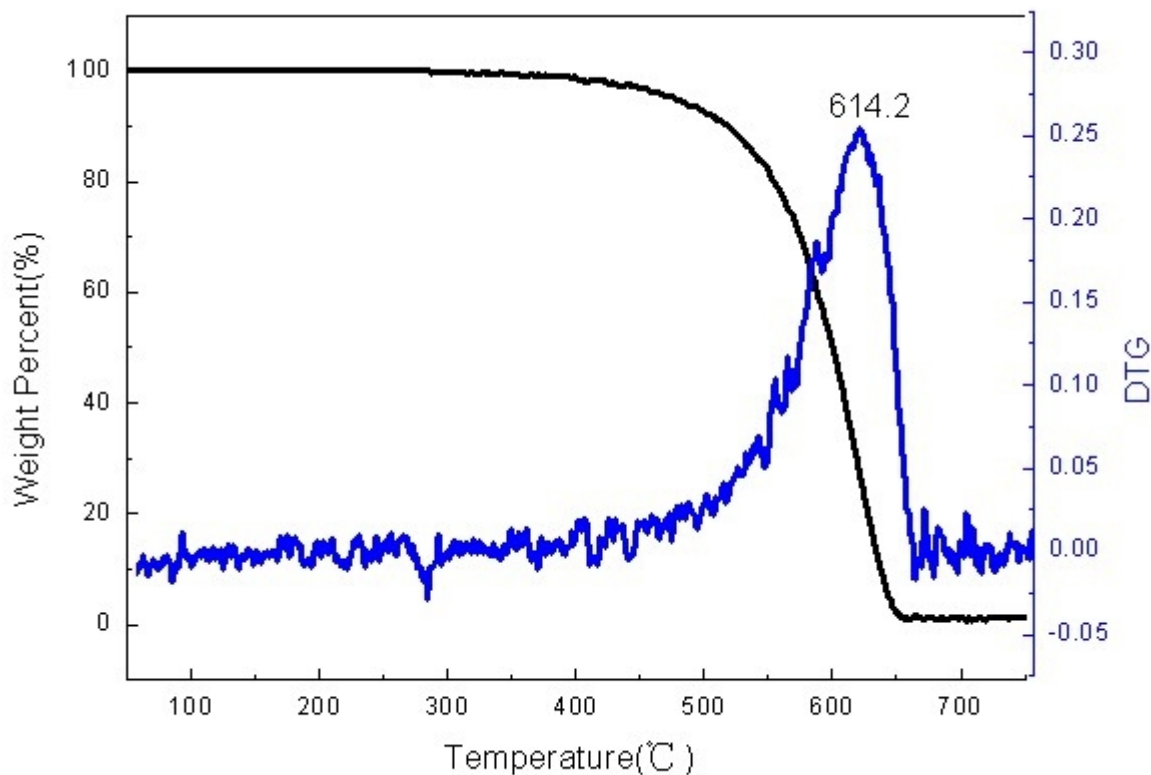
Making method: CVD



SEM



TEM



TG curve of short 8-15-COOH D101018

TGA

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

TIMESNANO Chengdu Zhongke Times Nano Energy Tech Co., Ltd.

Mail to: carbon@cioc.ac.cn times@cioc.ac.cn **Http://**www.timesnano.com

Tel:+86-28-85236765

Fax:+86-28-85215069

nanolithography

nanoelectrodes

drug delivery

sensors

Reinforcements in composites

Supercapacitor