

Specification Sheet

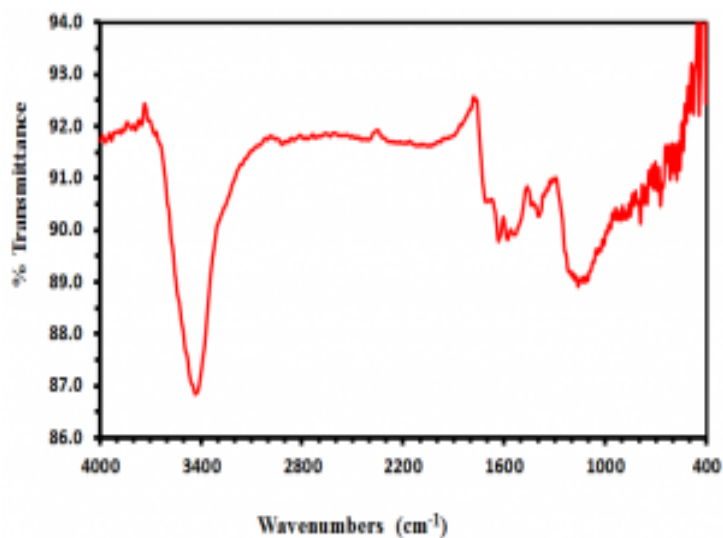
Functionalization Multiwalled Carbon Nanotubes
(Purity: >90wt% OD: 20-30nm, Length: 15-30 μ m,
COOH: 2-4Wt%)

Stock No: NS6130-06-666, CAS: 308068-56-6

Product	:	Functionalization Multiwalled Carbon Nanotubes
Stock No	:	NS6130-06-666
CAS	:	308068-56-6
Category	:	MC-LL-3
Diameter	:	20-30nm
Length	:	15-30 μ m
Purity	:	>90wt% (MWNT)
Amorphous Carbon	:	< 5%
Residue (calcination in air)	:	< 5%
COOH Content %	:	2-4Wt%
Average interlayer distance	:	0.34nm
Special Surface Area	:	90-350* m ² /g
Bulk density	:	0.05-0.17 g/cm ³
Real density	:	1-2 g/cm ³
Charging*	:	2180 (Capacity: mA h/g)
Discharging*	:	534 (Capacity: mA h/g)
Volume Resistivity	:	0.1-0.15 Ω .cm (measured at pressure in powder)
Available Quantities	:	10Gms, 25Gms, 50Gms, 100Gms and larger quantites
Main Inspect Verifier	:	Manager QC

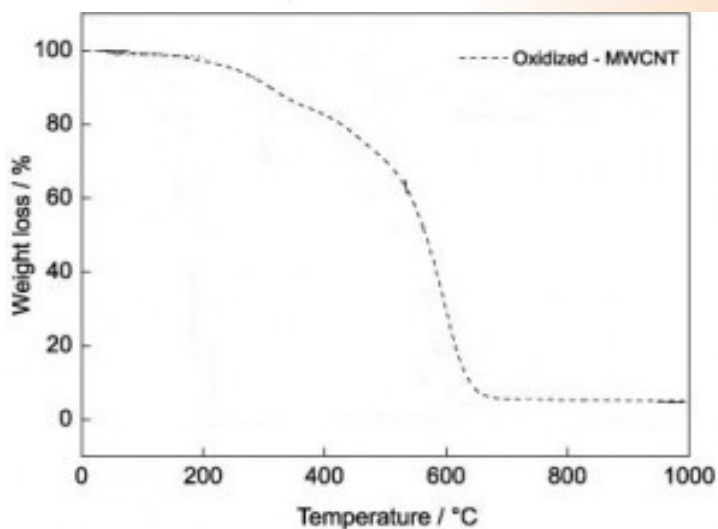
Note: Product Specification are subject to amendment and may change over time

Characterization of Functionalization Multiwalled Carbon Nanotubes



FTIR Spectra of MWCNT-COOH

NANOSHEL
Creating Miracles in Black



XPS MWCNT-COOH