

Specification Sheet

Industrial Grade Carbon Nanotubes

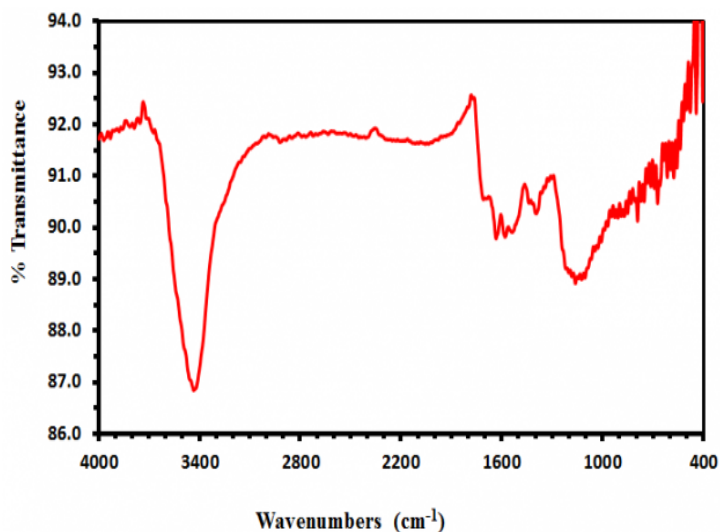
(Diameter: 20-40nm)

Stock No: NS6130-06-680, CAS: 308068-56-6

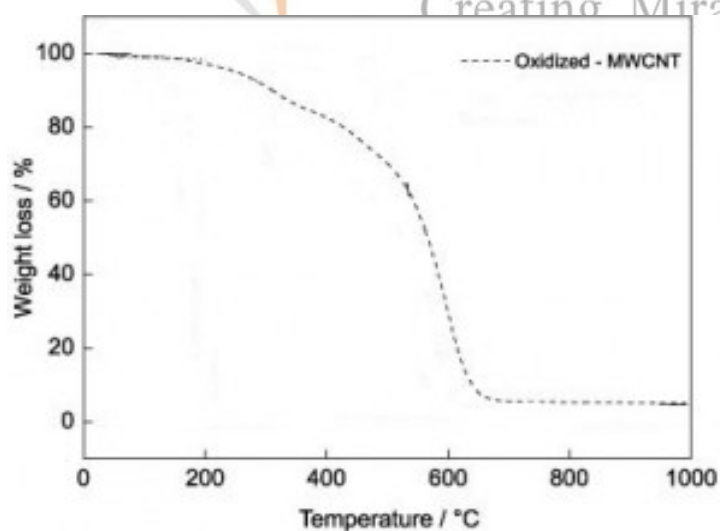
Product	:	Industrial Grade Carbon Nanotubes
Stock No	:	NS6130-06-680
CAS	:	308068-56-6
Diameter	:	20-40nm
Purity	:	95-99% (MWNT)
Amorphous Carbon	:	4-6%
Residue (calcination in air)	:	2-3%
Average interlayer distance	:	0.34nm
Specific Surface Area	:	90-350* m ² /g
Bulk Density	:	0.05-0.17 g/cm ³
Real 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)
Main Inspect Verifier	:	Manager QC

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

Characterization of Industrial Grade Carbon Nanotubes



FTIR Spectra of MWCNT Amine



XPS MWCNT Pristine