

Specification Sheet

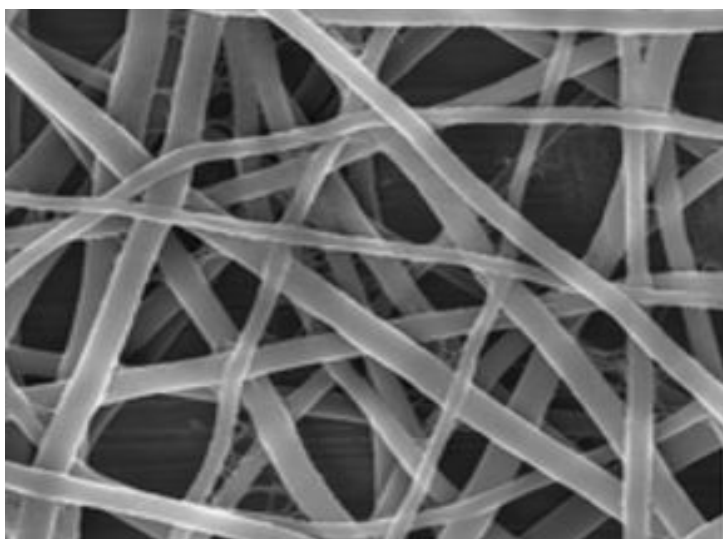
Single Walled Carbon Nanotube

Stock No: NS6130-06-602, CAS: 308068-56-6

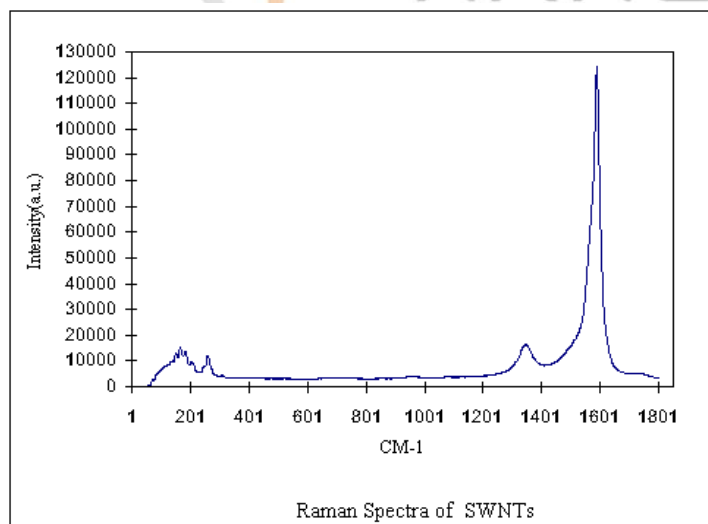
Product	:	Single Walled Carbon Nanotube
Stock No	:	NS6130-06-602
CAS	:	308068-56-6
Category	:	S-SL-2
Diameter	:	1-2nm
Length	:	3-8 μ m
Purity	:	>90% (SWNT)
Amorphous carbon	:	>5%
Residue (calcination in air)	:	< 3%
SSA	:	350-450* m^2/g
Bulk Density	:	0.17-0.30 g/cm^3
Real Density	:	2-3 g/cm^3
Charging *	:	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	:	2Gms, 5Gms, 10Gms, 25Gms and larger quantites
Main Inspect Verifier	:	Manager QC

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

Characterization of Single Walled Carbon Nanotube



SEM - Single Walled Carbon Nanotube



Raman Spectra of Single Walled Carbon Nanotube