

## Specification Sheet

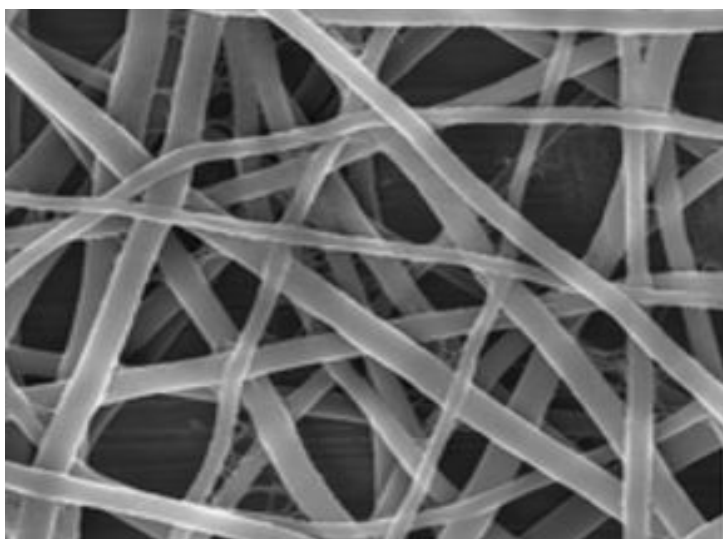
SWNT Carbon Nanotubes

Stock No: NS6130-06-603, CAS: 308068-56-6

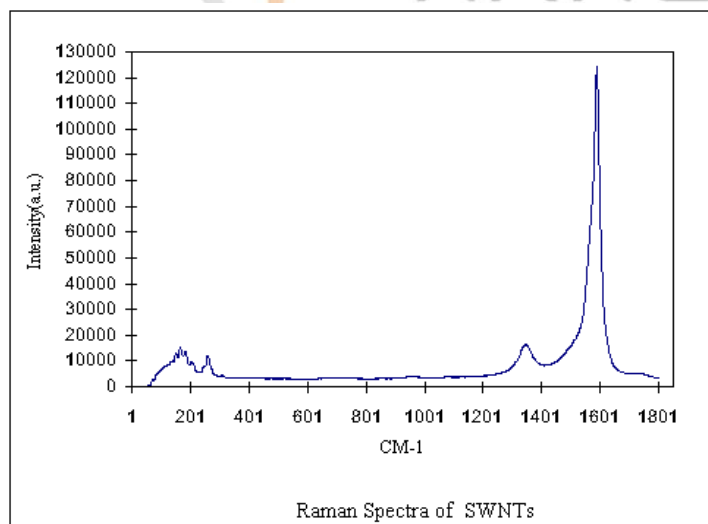
<b>Product</b>	:	<b>SWNT Carbon Nanotubes</b>
Stock No	:	NS6130-06-603
CAS	:	308068-56-6
Category	:	S-SL-3
Diameter	:	1-2nm
Length	:	3-8 $\mu$ m
Purity	:	>80% (SWNT)
Amorphous carbon	:	>5%
Residue ( calcination in air)	:	< 5%
SSA	:	350-450* m <sup>2</sup> /g
Bulk Density	:	0.17-0.30 g/cm <sup>3</sup>
Real Density	:	2-3 g/cm <sup>3</sup>
Charging *	:	2180 (Capacity: mA h/g)
Discharging*	:	534 (Capacity: mA h/g)
Volume Resistivity	:	0.1-0.15 $\Omega$ .cm (measured at pressure in powder)
Available Quantities	:	2Gms, 5Gms, 10Gms, 25Gms and larger quantites
<b>Main Inspect Verifier</b>	:	<b>Manager QC</b>

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

## Characterization of SWNT Carbon Nanotubes



SEM - SWNT Carbon Nanotubes



SWCNT Raman Spectra