

Specification Sheet

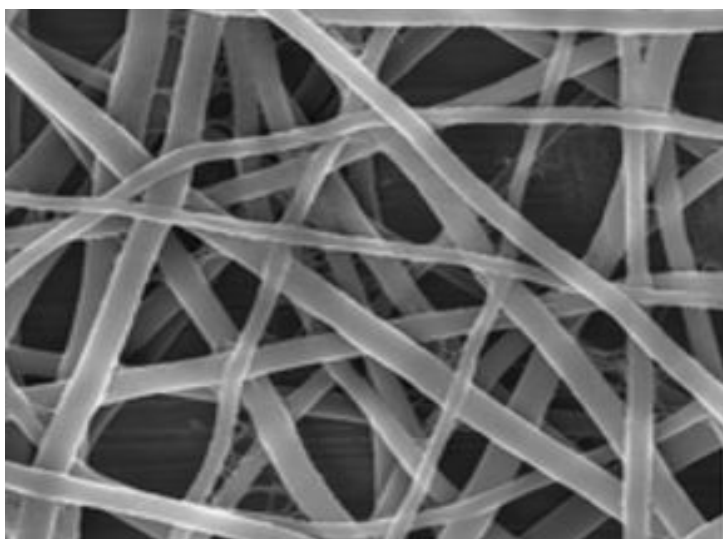
Single Wall Carbon Nanotubes

Stock No: NS6130-06-607, CAS: 308068-56-6

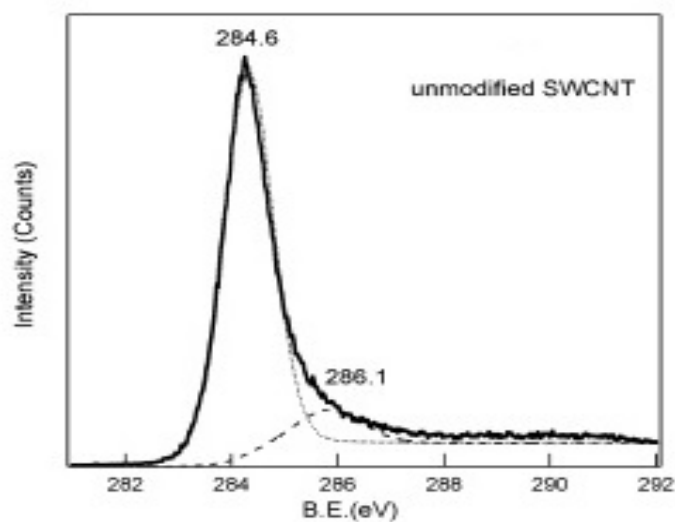
Product	:	Single Wall Carbon Nanotubes
Stock No	:	NS6130-06-607
CAS	:	308068-56-6
Category	:	S-LL-1
Diameter	:	1-2nm
Length	:	15-30 μ m
Purity	:	>98% (SWNT)
Amorphous carbon	:	>1%
Residue (calcination in air)	:	< 1%
SSA	:	350-450* m ² /g
Bulk Density	:	0.17-0.30 g/cm ³
Real Density	:	2-3 g/cm ³
Charging *	:	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 Wall Carbon Nanotubes



SEM - Single Wall Carbon Nanotubes



XPS Spectra of Unmodified SWCNT