

Specification Sheet

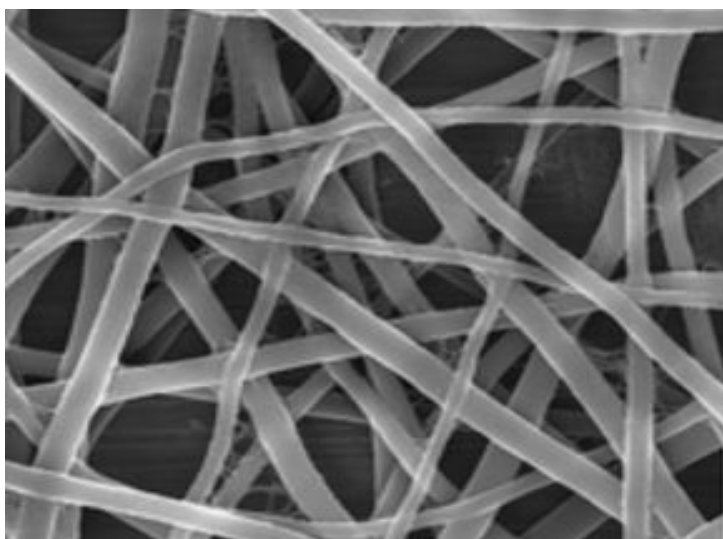
Carbon Nanotubes Electronics

Stock No: NS6130-06-609, CAS: 308068-56-6

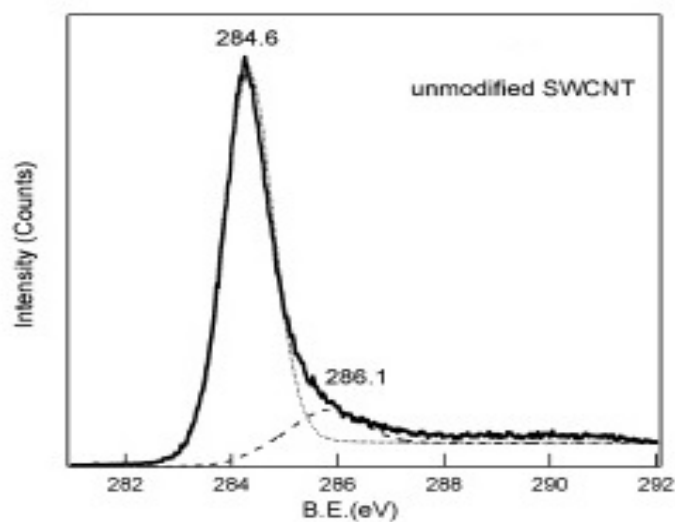
Product	:	Carbon Nanotubes Electronics – SWNCT
Stock No	:	NS6130-06-609
CAS	:	308068-56-6
Category	:	S-LL-3
Diameter	:	1-2nm
Length	:	15-30 μm
Purity	:	>80% (Single wall CNT)
Amorphous carbon	:	< 5%
Residue (calcination in air)	:	< 5%
SSA	:	350-450* m^2/g
Bulk Density	:	0.17-0.30 g/cm^3
Real Density	:	2-3 g/cm^3
Charging *	:	2180 (Capacity: mA h/g)
Discharging*	:	534 (Capacity: mA h/g)
Volume Resistivity	:	0.1-0.15 $\Omega.\text{cm}$ (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 Carbon Nanotubes Electronics



SEM - SWCNT



XPS Spectra of Unmodified SWCNT