

Specification Sheet

Peg Modified Single Walled CNT

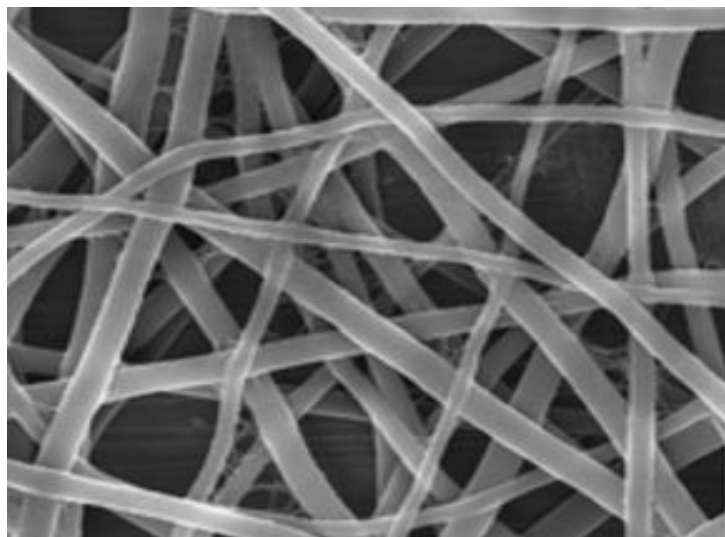
(99%, Dia: < 5nm, Length: 20-30 μ m)

Stock No: NS6130-06-681, CAS: 308068-56-6

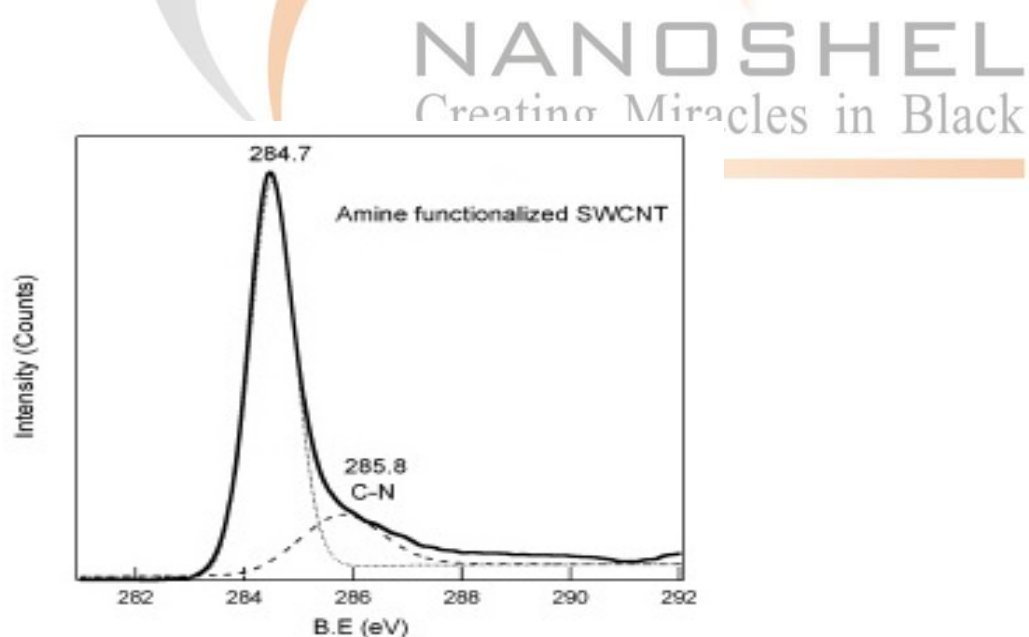
Product	:	Peg Modified Single Walled CNT
Stock No	:	NS6130-06-681
CAS	:	308068-56-6
Diameter	:	< 5nm
Length	:	20-30 μ m
Purity	:	>99% (SWCNT)
Amorphous carbon	:	1%
Residue (calcination in air)	:	< 1%
SSA	:	350-450* m ² /g
Bulk Density	:	0.05-0.17 g/cm ³
Real Density	:	2-3 g/cm ³
Charging *	:	2180 (Capacity: mA h/g)
Discharging*	:	534 (Capacity: mA h/g)
Volume Resistivity	:	0.1-0.15 Ω .cm (measured at pressure in powder)
Main Inspect Verifier	:	Manager QC

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

Characterization of Peg Modified Single Walled CNT



SEM - Peg Modified Single Walled CNT



XPS Spectra of Amine SWCNT