

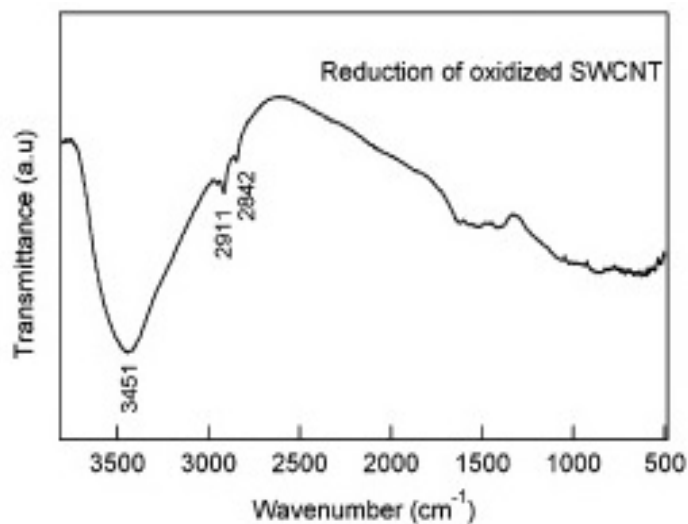
Specification Sheet

Carbon Nanotubes Quantum Cylinders Graphene
(SWCNT>98wt%, OD: 1-2nm, Length: 3-8 μ m, OH: 2-4Wt%)
Stock No: NS6130-06-610, CAS: 308068-56-6

Product	:	Carbon Nanotubes Quantum Cylinders Graphene
Stock No	:	NS6130-06-610
CAS No	:	308068-56-6
Category	:	SO-SL-1
Avg. Diameter	:	1-2nm
Length	:	3-8 μ m
Purity	:	>95% (SWNT)
Amorphous carbon	:	< 3%
Residue (calcination in air)	:	< 2%
OH Surface Modified	:	3 - 6wt%
Special Surface Area	:	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

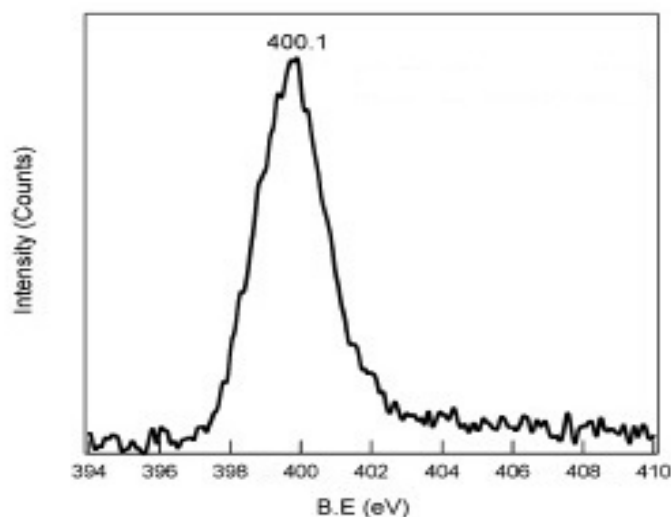
Characterization of Carbon Nanotubes Quantum Cylinders Graphene



FTIR Spectra of SWCNT



NANOSHEL
Creating Miracles in Black



XPS Spectra of SWCNT