

Specification Sheet

High Purity Double Walled Carbon Nanotubes

Stock No: NS6130-06-699, CAS: 308068-56-6

Product	:	Double Walled Carbon Nanotubes
Stock No	:	NS6130-06-699
CAS	:	308068-56-6
Diameter	:	8-10nm
Length	:	20-30 μ m
Purity	:	98% (DWCNT)
Amorphous carbon	:	< 1%
Residue (calcination in air)	:	< 1%
Average interlayer distance	:	0.34nm
Special surface area	:	90-350* m ² /g
Bulk density	:	0.05-0.17 g/cm ³
Real density	:	1-2 g/cm ³
Charging *	:	2180 (Capacity: mA h/g)
Discharging*	:	534 (Capacity: mA h/g)
Volume Resistivity	:	0.1-0.15 ohm.cm (measured at pressure in powder)
Available Quantities	:	10Gms, 25Gms, 50Gms, 100Gms and larger quantites
Main Inspect Verifier	:	Manager QC

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