

## Specification Sheet

Double Walled CNT

(DWCNTs-CVD, Purity: >75%)

Stock No: NS6130-14-1137, CAS: 308068-56-6

Product	:	Double Walled CNT
Stock No	:	NS6130-14-1137
CAS	:	308068-56-6
Outside Diameter	:	< 15nm ( $\pm 5$ nm)
Length	:	5-15 $\mu$ m
Purity (Carbon basis)	:	>75%
DWCNT basis	:	>10%
Molecular Formula	:	C
Molecular Weight	:	12.01g/mol
Color	:	Black
Form	:	Solid
Density	:	1.7-2.1g/cm <sup>3</sup>
Amorphous carbon	:	< 5wt%
Bulk density	:	~0.23 g/cm <sup>3</sup>
Charging *	:	2180 (Capacity: mA h/g)
Discharging*	:	534 (Capacity: mA h/g)
Electrical Conductivity	:	>10 <sup>-2</sup> S/cm
Method of production	:	CVD or Electric arc.
Volume Resistivity	:	0.1-0.15 ohm.cm
<b>Main Inspect Verifier</b>	:	<b>Manager QC</b>

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