

Specification Sheet

SWCNTs

Stock No: NS6130-14-1135, CAS: 308068-56-6

Product	:	SWCNTs
Stock No	:	NS6130-14-1135
CAS	:	308068-56-6
Diameter	:	< 2 nm (± 0.5 nm)
Length	:	2.5-5 μ m
Purity (Carbon basis)	:	>70%
MWCNT basis	:	>40%
Molecular Formula	:	C
Molecular Weight	:	12.01g/mol
Color	:	Black
Form	:	Solid
Amorphous carbon	:	< 5wt%
Bulk Density	:	~0.23 g/cm ³
Real Density	:	1.7-2.1g/cm ³
Electrical Conductivity	:	>10 ⁻² S/cm
Charging *	:	2180 (Capacity: mA h/g)
Discharging*	:	534 (Capacity: mA h/g)
Volume Resistivity	:	0.1-0.15 Ω .cm
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

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