

Specification Sheet

Iron Filled Carbon Nanotubes

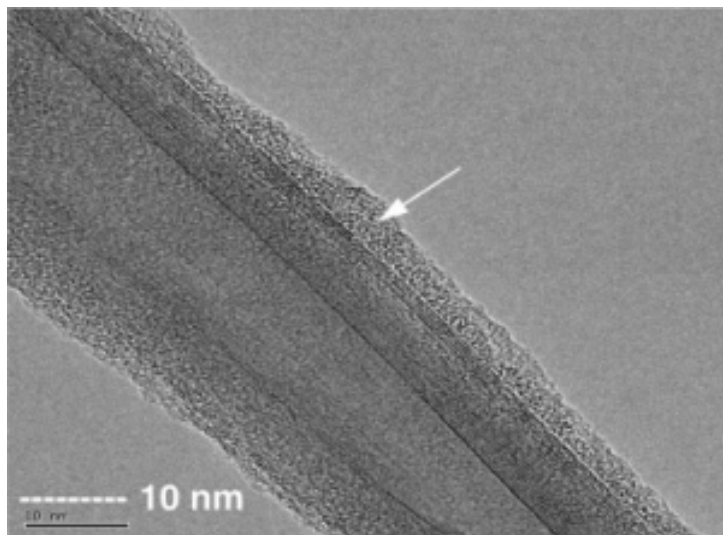
(MWNT 99% Dia:20-30nm Length:30-40 μ m)

Stock No: NS6130-06-695, CAS: 308068-56-6

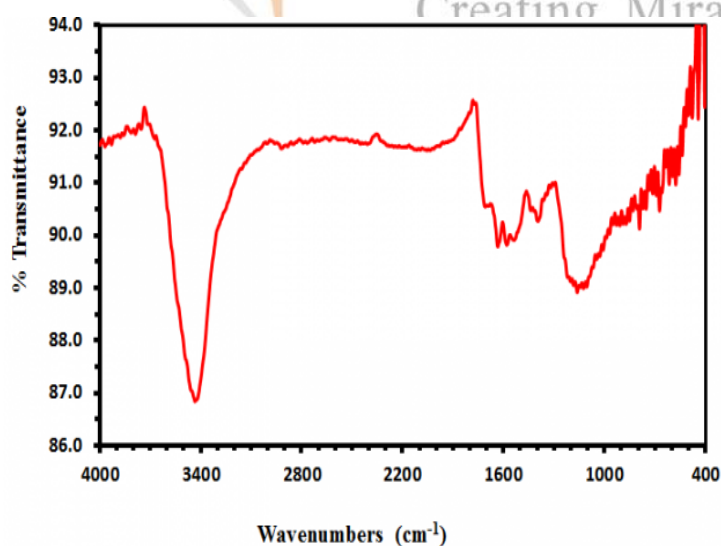
Product	:	Iron Filled Carbon Nanotubes
Stock No	:	NS6130-06-695
CAS	:	308068-56-6
Diameter	:	20-30nm
Length	:	30-40 μ m
Purity	:	99% (MWNT)
Amorphous carbon	:	< 1%
Residue (calcination in air)	:	< 1%
Average interlayer distance	:	0.34nm
Special surface area	:	90-350* m ² /g
Bulk density	:	0.05-0.17 g/cm ³
Real density	:	1-2 g/cm ³
Volume Resistivity	:	0.1-0.15 Ω .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

Characterization of Iron Filled Carbon Nanotubes



TEM of Iron Filled Carbon Nanotubes



FTIR Spectra of Iron Filled Carbon Nanotubes