

## TECHNICAL SPECIFICATION DATASHEET

**Product Name: Multi-Walled Carbon Nanotubes (MWCNT)**

**Product Series - TI-MWCNT**

**Number of Layers: 4 to 8**

**Material Form: Powder**

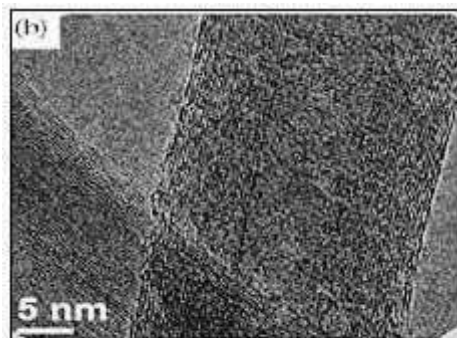
**Colour – Black**

**Packing Size: 10gram, 100gm, 1kg and more**

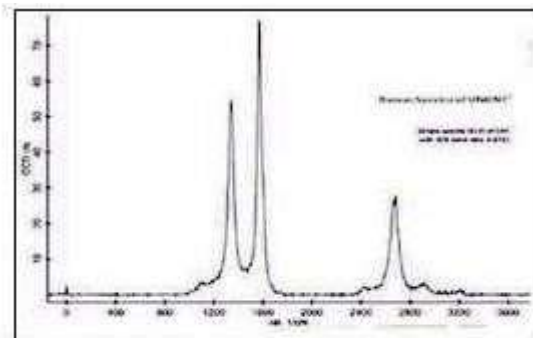
### Properties:

MWCNT	Description	Characterization Method
Production Method	Chemical Vapour Deposition[SLV]	Proprietary Method
Diameter	Avg. Outer Diameter: 5-20nm	TEM, SEM
Length	10 $\mu\text{m}$	SEM, TEM
Nanotubes Purity	99%	TGA, RAMAN
Metal Particles	<1%	TGA
Amorphous Carbon	<1%	TGA, XRD
Specific Surface Area	330 $\text{M}^2/\text{G}$	BET
Bulk Density	0.20-0.35 $\text{G}/\text{Cm}^3$	Pycnometer

### Characterizations:



TEM Image



RAMAN Spectrum

Techinstro assures the above specification and dimensions of the product as per datasheet. We ensure the quality of the product with moisture proof packing. This sheet is also available on the website, where a researcher or purchaser can also download it merely by clicking on the pdf link. The terms and condition for the product purchase mentioned in the quotation. For safe product storage, tips and procedure provided with the material. For more queries, contact our technical support.