



# SWeNT<sup>®</sup> CG 200 Data Sheet

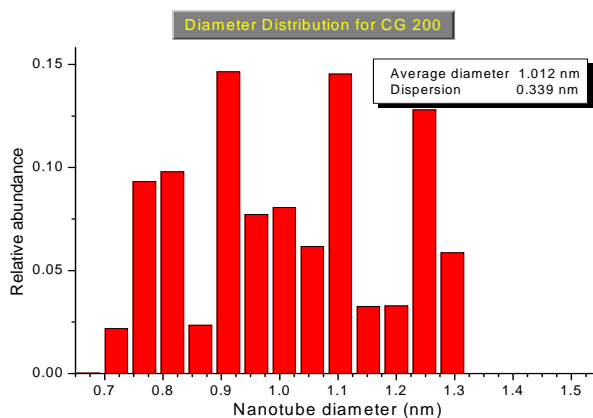
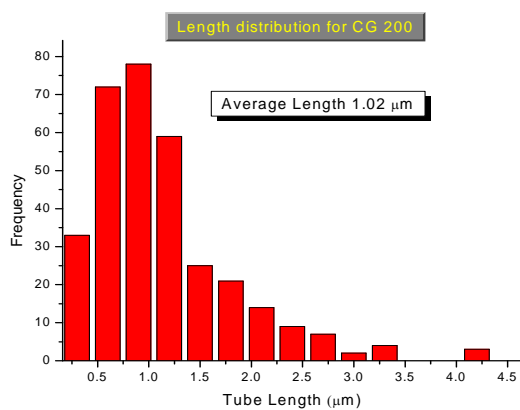
## Single Wall Carbon Nanotubes

### Typical Properties

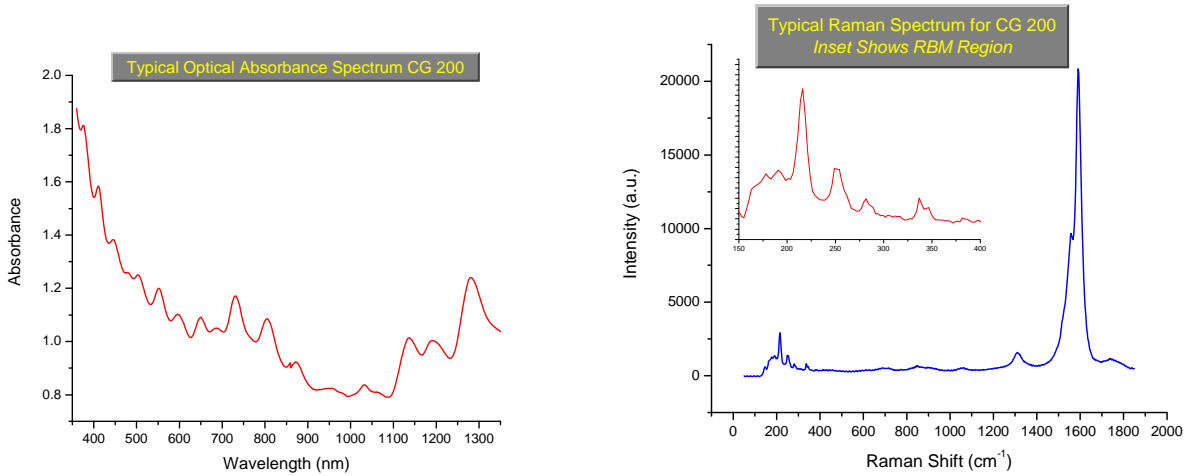
Property	Value	Method
Form	Freeze Dried Powder	
Bulk Density	0.091 g cm <sup>-3</sup>	
Tube Diameter		Fluorescence and AFM
Mean	1.01	
Mode	N/A	
Range	0.7 – 1.4 nm	
Aspect Ratio	1,000	AFM
Carbon content	>90%	TGA
Relative Purity <sup>1</sup>	>90% est	TGA

<sup>1</sup>Relative purity is defined as the percentage of carbon that is SWCNT

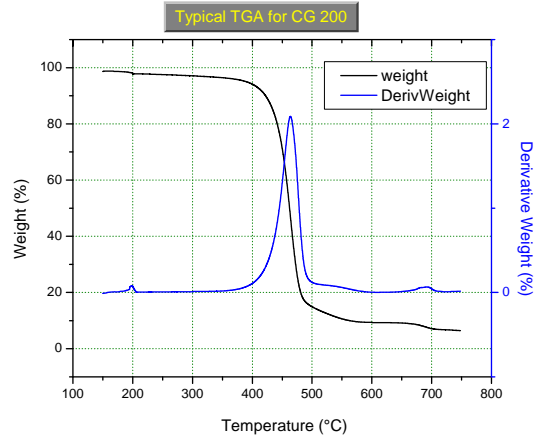
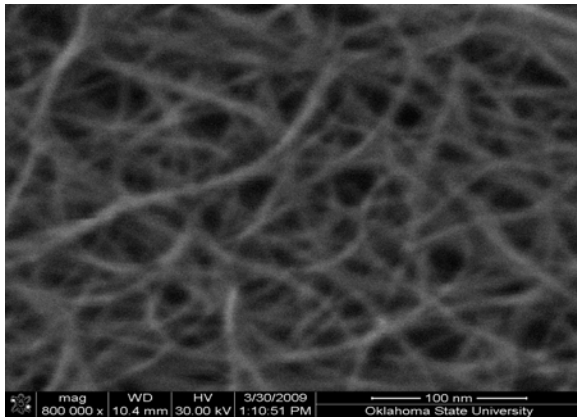
### Tube Dimensions



## Vis-NIR Absorbance and Raman Spectra showing Chirality and Diameter



## SEM and TGA showing purity of the Tubes



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