

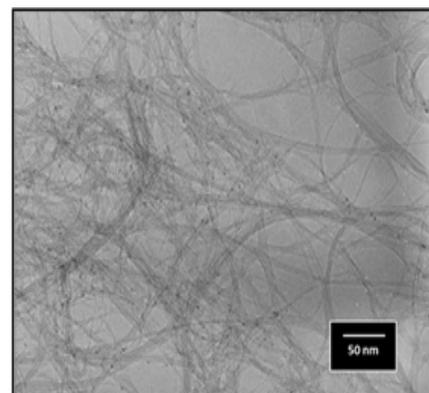
CG100



Conductive Single-Wall Carbon Nanotubes

Produced using our patented CoMoCAT™ synthesis technology, CG100 is our most economical SW CNT product, offering good electrical conductivity and high carbon purity at a more affordable price.

Property	CG100	Measurement
Carbon Purity	≥ 90 wt%	TGA
CNT Purity	≥ 89 wt%	TGA
Average Diameter	0.82 nm	NIRF
Median Length	1 μm	AFM
Bulk Density	0.1 g/cm ³	ASTM D7481
Moisture Content	≤ 5 wt%	TGA
Specific Surface Area	≥ 700 m ² /g	BET
G/D Ratio	≥ 15	Raman (633nm)



Standard Product Forms: Powder

Other product forms can be supplied upon request, including Wet Cake, Dispersions, Coating Formulations, Inks, Buckypaper, Coated Films, Patterned Films, etc.

Let us help you!

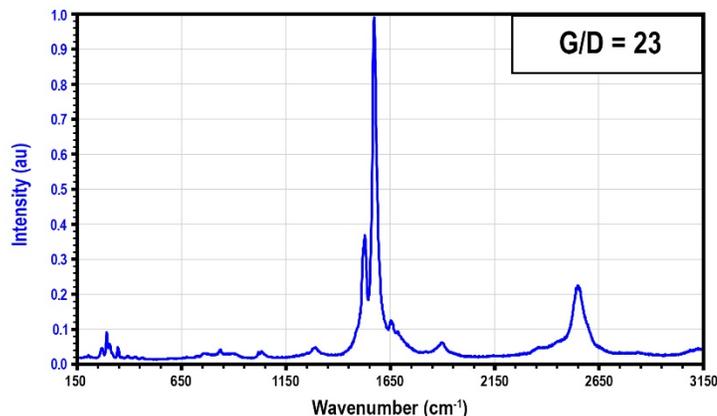
The material scientists and engineers in CHASM's Application Development Center are available to help you determine the product form that is optimal within your application, and provide the guidance to make it scalable and commercially viable.



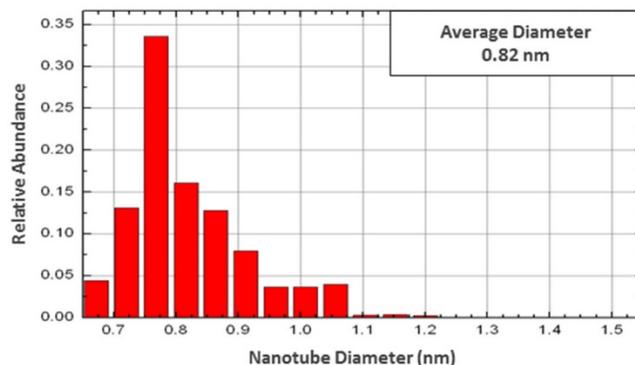
CG100

Supporting Data

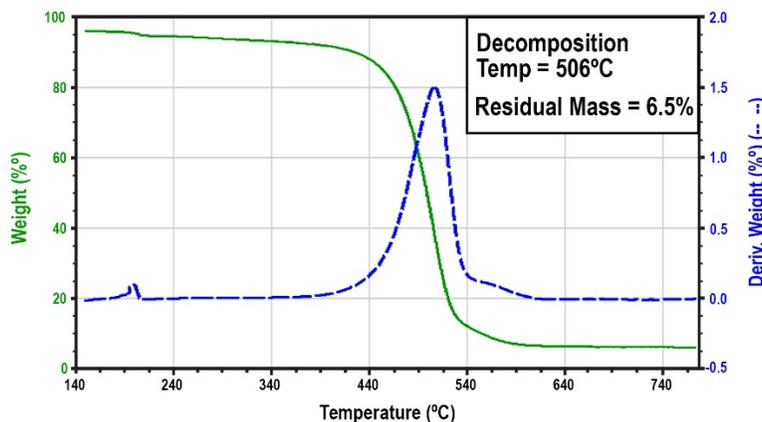
Raman Analysis (633 nm)



Diameter Distribution

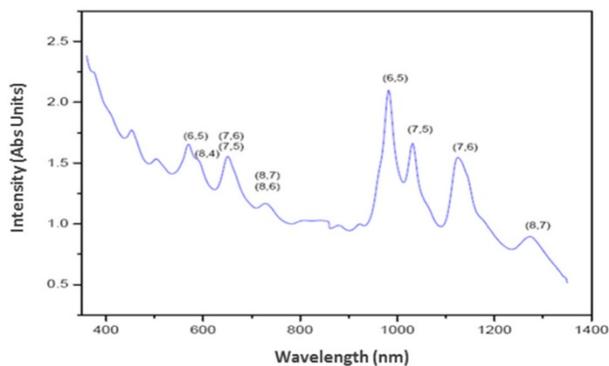


Thermogravimetric Analysis



Optical Absorbance

OA Peaks Corresponding to Eii Transition Energies of Included Chiral Species



Applications Engineers are available to provide additional data and technical support to help you integrate Signis CNTs into your application. Email sales@chasmtek to request additional information.

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