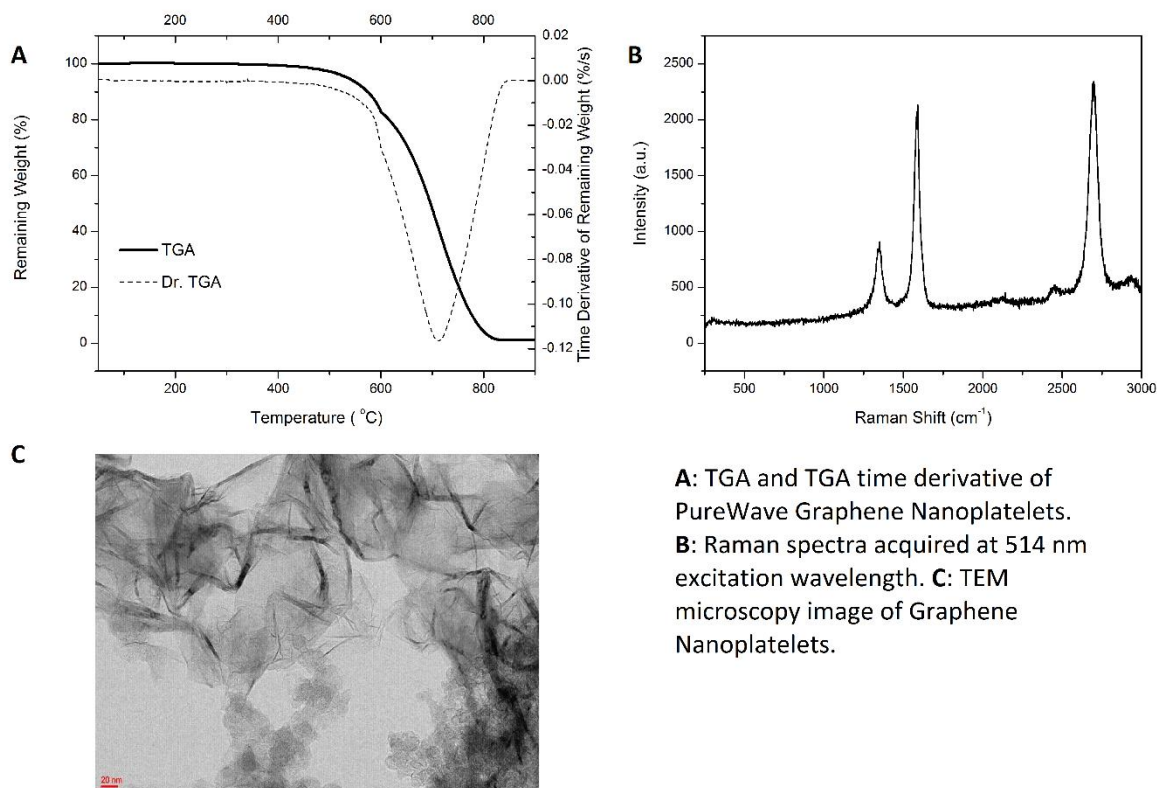


## PureWave Graphene (GNP) Specifications

**Description:** Our **PureWave Graphene Nanoplatelets (GNP)** material is composed of thin, highly dispersible graphene nanoplatelets with very low oxygen content. The turbostratic and wavy morphology of the material leads to an unequalled ability to be dispersed in a variety of solvents and resins. Furthermore, the **unique plasma process** used to grow our PureWave Graphene Nanoplatelets is easy to scale and thus produces a low cost product. Our unique and protected growth process based on plasma enables us to produce this material at over **100 g/hour**, enabling commercial graphene applications such as energy storage and conductive inks as well as elastomers and resins.

### Specifications:



**A:** TGA and TGA time derivative of PureWave Graphene Nanoplatelets.  
**B:** Raman spectra acquired at 514 nm excitation wavelength. **C:** TEM microscopy image of Graphene Nanoplatelets.

## PureWave Graphene (GNP) Specifications

Parameter	PureWave Graphene Nanoplatelets (GNP)
G/D ratio from Raman	2
2D/G ratio from Raman	0.8-1
BET Specific Surface Area	> 400 m <sup>2</sup> /g
Average Number of Layers	7
Flake Size	150-200 nm
Oxygen Content	1-2%
Average Flake Thickness	2.4 nm
Carbon Content (TGA)	> 98%

**Safety Data:** A Safety Data Sheet (SDS) is available on the web on our product page for PureWave Graphene Nanoplatelets. Please visit: [www.raymor/products](http://www.raymor/products)

### Prices:

SKU#	Product	Price (USD)	Quantity (g)
1710	PureWave Graphene Nanoplatelets (GNP)	100	1.0
1710	PureWave Graphene Nanoplatelets (GNP)	500	10.0
1710	PureWave Graphene Nanoplatelets (GNP)	3,000	100.0

Large volume discounts available for large quantities. Please contact us for more information.

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