



## Graphene Nanoplatelets-PVP Coated, Dry Powder PRODUCT DATA SHEET

### Graphene Nanoplatelets-PVP Coated, Dry Powder

#### Description

Graphene has a two-dimensional structure of a carbonaceous new material, which has excellent electrical, thermal and mechanical properties. Our graphene with a very large surface area 500 ~ 1200 m<sup>2</sup>/g.

Abvigen offers high quality graphene nanoplatelets-PVP coated, dry powder. The product has high repeatability between batches, which can meet the needs of various customers for personalized materials such as research and development, testing and production.

For custom sizes, formulations or bulk quantities please contact our customer service department.

**Website:** [www.abvigen.com](http://www.abvigen.com) **Phone:** +1 929-202-3014 **Email:** [info@abvigenus.com](mailto:info@abvigenus.com)

#### Characteristics

**Type:** Graphene Nanoplatelets-PVP Coated, Dry Powder

**Size:** 1 g

**Purity:** 99.5%

**Thickness:** 2-8 nm, **Average:** 3-6 layers

**Volume Resistivity:** 4x10<sup>-4</sup> ohm.cm

**Diameter:** 4-12 μm

**Bulk Density:** 0.05-0.081 g/cm<sup>3</sup>

**Tap Density:** 0.082-0.13 g/cm<sup>3</sup>

**Graphene Specific Surface Area:** 500 - 1200 m<sup>2</sup>/g

**The Product COA:** C=99.7%, O<0.3%

#### Advantages

Excellent electrical, thermal and mechanical properties

Uniform

Stable



## **Applications**

Lithium-ion battery

Sensor

Catalyst

## **Ordering Information**

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