



Technical Data Sheet

ACS Material Graphene Nanoplatelets (2-10nm)

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Contact Information:

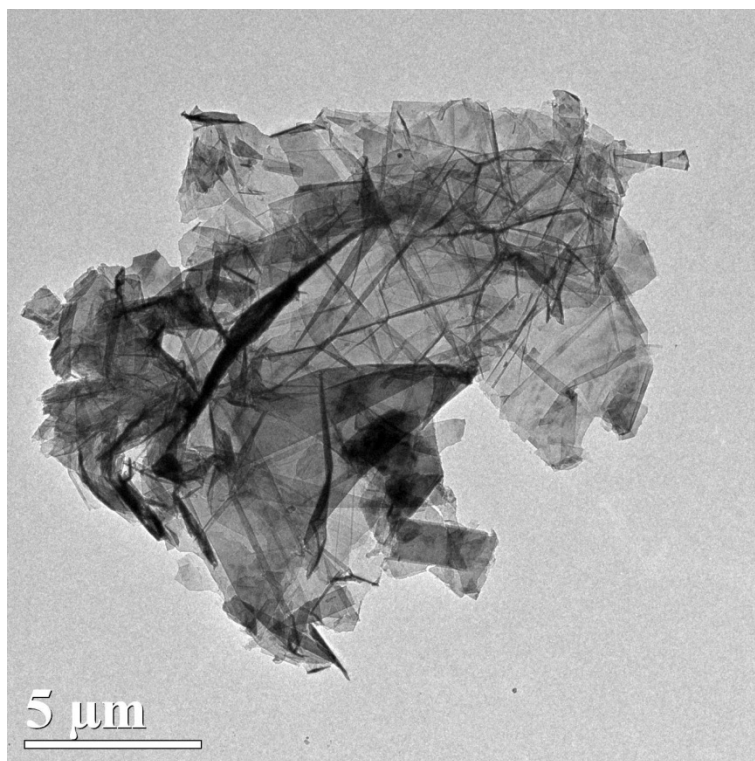
Manufacturer: ACS Material, LLC.
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1. Preparation Method

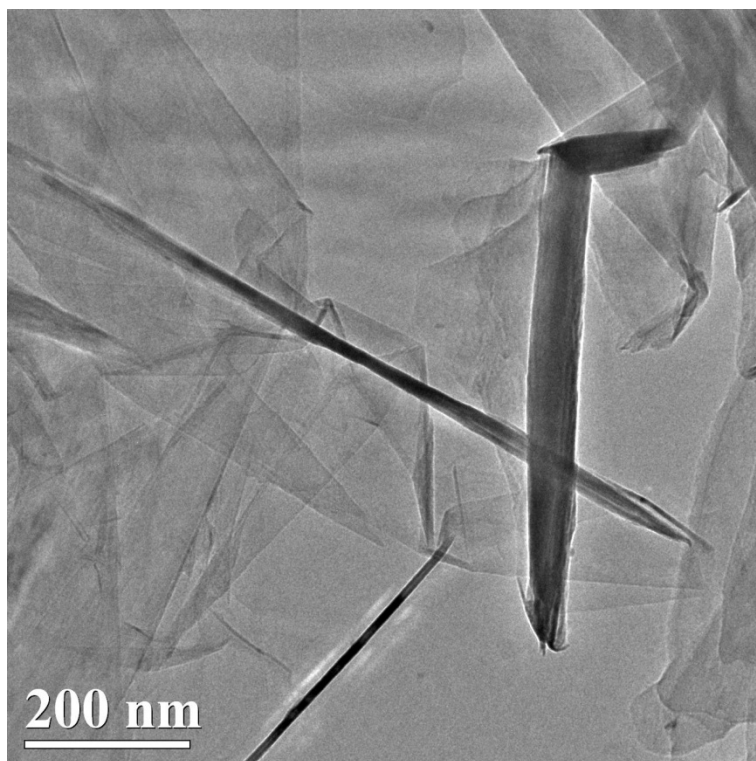
Interlayer Cleavage Method

2. Characterizations

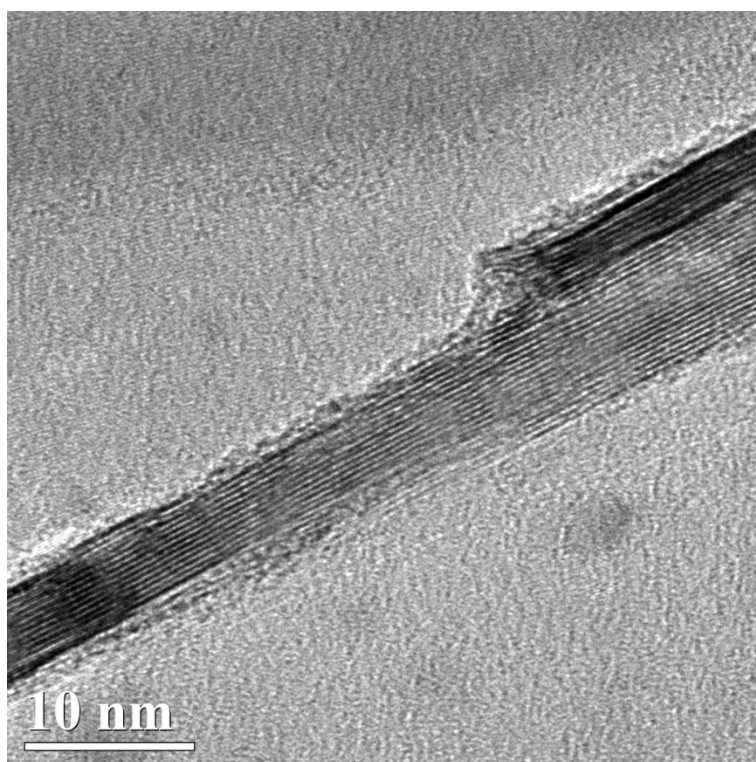
Appearance:	Black/Grey Powder
Diameter:	2-7 μm
Thickness:	2-10 nm
Specific Surface Area:	20-40 m^2/g
Electrical Conductivity:	80000 S/m
Carbon Content:	>99%
Apparent Density:	0.06-0.09 g/ml
Water Content:	<2 wt. %
Residual Impurities:	<1 wt. %



Typical TEM Image (1) of ACS Material Graphene Nanoplatelets (2-10nm)



Typical TEM Image (2) of ACS Material Graphene Nanoplatelets (2-10nm)



Typical TEM Image (3) of ACS Material Graphene Nanoplatelets (2-10nm)

3. Application Fields

- 1) Conductive rubbers, conductive plastics, antistatic plastics
- 2) Thermal plastics, thermal polymer composites, thermal interface materials, thermal materials
- 3) High temperature lubricating materials

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