



## Technical Data Sheet

### ACS Material Graphene Dispersion in NMP

#### Table of Contents

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[1 – Preparation Method](#)

[2 – Characterizations](#)

[3 – Application Fields](#)

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## 1. Preparation Method

Electrochemical Cleavage Method

## 2. Characterizations

<b>BET surface area (m<sup>2</sup>/g):</b>	650-750
<b>Conductivity (S/m):</b>	500-700
<b>Layers:</b>	1-5 atomic layer graphene nanosheets
<b>Lateral size (μm):</b>	0.5-5
<b>Oxygen (wt%):</b>	7-7.5

## 3. Application Fields

- 1) XPS patterns of Single Layer Graphene
- 2) Catalyst
- 3) Supercapacitors
- 4) Solar energy
- 5) Graphene semiconductor chips
- 6) Conductive graphene film
- 7) Graphene computer memory
- 8) Biomaterials
- 9) Transparent conductive coatings

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