Technical Data Sheet

ACS Material Graphite Oxide

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1. Preparation Method
Modified Hummer’s Method

2. Characterizations

| Thickness:  | 1-3 nm          |
| Diameter:   | 0.5-5 µm        |

Typical SEM of ACS Material Graphite (a, b) and Graphite Oxide (c, d)
FT-IR of ACS Material Graphite (a) and Graphite Oxide (b)

XRD Analysis of ACS Material Graphite (a) and Graphite Oxide (b)
3. Application Fields

1) Preparation of graphene
2) Solar energy
3) Graphene semiconductor chips
4) Conductive graphene film
5) Graphene computer memory
6) Biomaterials
7) Transparent conductive coatings

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