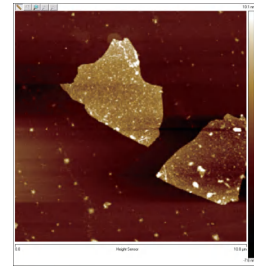
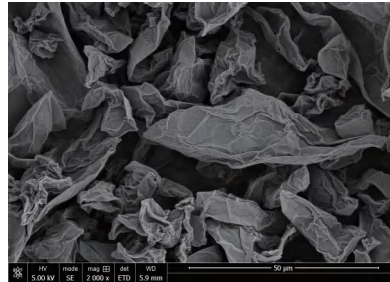


Graphite Oxide Powder

PRODUCT TYPE: GE2430, GE2431

GE2430, GE2431



APPLICATIONS

Use for polymer composites, such as thermal management, plastic, resin, rubber, fiber composites, also for anode and cathode materials of Li-ion batteries and catalyst loading, ect.

SPECIFICATIONS

| Type | Specifications | | | | | |
|--------|----------------|-------------|------------------------|-----------------------------|---|------------------------|
| | Appearance | Tap density | pH 1% concentration | C (wt%) Element analysis | Particle Size D50 (µm) laser particle analyzer | H ₂ O (wt%) |
| GE2430 | Brown powder | 0.7-1.2 | 1.6-2.6 | 45-55 | 15-30 | ≤6 |
| GE2431 | Brown powder | 0.5-1.2 | 5.0-7.0 | 55-65 | 10-20 | ≤6 |

CHARACTERISTICS

- (1) Be rich in oxygen-containing functional groups, such as hydroxyl group, carboxyl group and epoxy group.
- (2) Can be easily grafted or modified for in-situ polymerization or integration with polymeric composites, therefore endowing good electrical and thermal conductivity, as well as mechanical reinforcement, antibacterial properties to the materials.
- (3) Easy to be exfoliated into graphene oxide dispersion, and to form thin films.

HANDLING AND STORAGE

Store in tightly-closed containers in a dry, cool and well-ventilated place, and stay away from ignition sources or heat. Stay away from strong reducing agent and combustibles. The shelf life is 12 months.

TRANSPORT

Unrestricted goods. Avoid insolation, rain, leakage and labels off. Throwing is prohibited. Load and unload carefully to protect from damage. Stay away from ignition sources or heat. Can not be transported with corrosive materials.

In August 2023