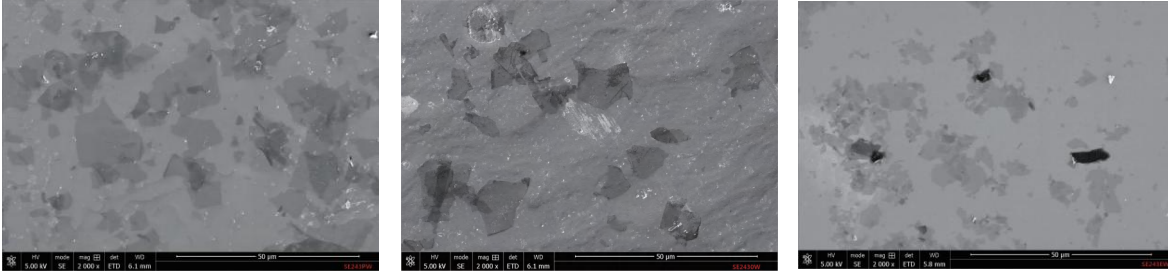


Graphite Oxide

**PRODUCT TYPE: GE243PW
 GE2430W GE243EW**

GE243PW GE2430W GE243EW



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					Thermal conductivity of graphene film with GO
	Appearance	Solid Content (%)	PH 1% concentration	C (wt%) Element analysis	Homogenizer Viscosity (mpa*s) 3% concentration	
GE243PW	Yellow/Brown paste	39-44	1.40-1.80	46.0-51.0	500-4000	1700W/ (m·K)
GE2430W	Black/Brown paste	41-47	2.00-2.30	48.0-55.0	1000-5200	1500W/ (m·K)
GE243EW	Black paste	41-46	1.70-2.30	57.0-63.0	500-4000	1300W/ (m·K)

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