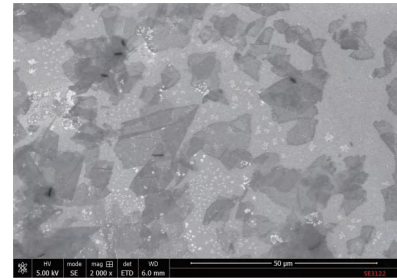
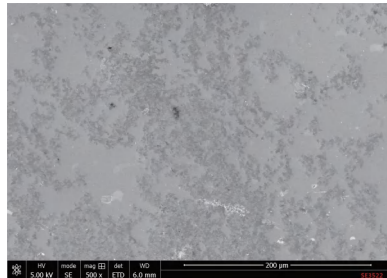


Graphene Oxide Suspension

PRODUCT TYPE: GE352、GE312

GE352、GE312



APPLICATIONS

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

SPECIFICATIONS

Type	Specifications					
	Appearance	Solid Content (%)	Particle Size D50 (μ m)	Viscosity (mpa • s)	pH	C (wt%)
GE352	Black suspension	0.9-1.1	≤4	100-3000	1.5-2.5	43-53
GE312	Black suspension	0.9-1.1	8-22	100-3000	1.5-2.5	43-53

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) good dispersion in water, with a single layer rate >90%, which can be dissolved with water by slightly stirring.

HANDLING AND STORAGE

Wear appropriate protective clothing and safety gloves to avoid direct contact with body. In case of contact, flush with a lot of water. Store in tightly-closed containers with 12 months shelf life, it is recommended to use as soon as possible after unsealing. Exposed for a long time will lead to: the surface of the dispersion film; adsorption of dust impurities in the air will change the solid content, pH, purity and other physical properties; The suggested storage temperature is 5-35 °C, when the temperature is too high, the water will evaporate and the barrel will expand, which will influence the solid content of the product, but it will not affect the performance of the product itself; Stay away from strong reducing agent and combustibles.

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