

Graphene Slurry



sales@levsongroup.com

Applications

- Functional coatings
- Conductive additives
- Pharmaceutical solvents & intermediates
- Composites
- Fibers
- Energy storage devices

Product Description

The W series is a graphene slurry designed as a high-efficiency additive for water-based coatings, polymer composites, lithium battery conductive additives, and other applications. It enhances mechanical strength, barrier properties, and electrical performance, while improving graphene dispersion in aqueous systems.

The R series is a graphene oxide slurry with a single-atomic-layer structure and abundant functional groups, making it more chemically active than graphene. It is hydrophilic and can be modified through reactions with oxygen-containing functional groups, enabling easy integration with organic and inorganic materials across various applications.

Product Specifications

Performance Parameters	Specific Specifications			
	LN-50W	LN-200W	LN-10R	LN-400R
Appearance	Black slurry	Black slurry	Brown slurry	Brown slurry
Solid Content %	5.0±0.5	20.0±2.0	>0.95	>40.0
pH	5.5~7.0	5.5~7.0	≥2.0	≥2.0

Carbon Content w.t. %	≥95.0	≥95.0	≥55.0	≥55.0
Layer Number	>5	>5	3~5	/
Particle Size Distribution μm	≤18	≤18	≤80	/
Storage	Store in a constant temperature environment of 15–20°C, in a dry, cool, and well-ventilated place.			

First Aid Measures

- **Skin Contact:** Wash thoroughly with soap and plenty of water. If irritation persists, seek medical attention.
- **Eye Contact:** Rinse cautiously with running water for at least 15 minutes, lifting the eyelids occasionally. If irritation persists, seek medical attention.
- **Inhalation:** Move the affected person to fresh air immediately. If breathing is difficult, administer oxygen.
- **Ingestion:** If conscious, rinse mouth with warm water and seek immediate medical attention.

Spill Response Measures

Use appropriate personal protective equipment (PPE). Ensure adequate ventilation. Remove all sources of ignition. Ensure personnel stay away from the spill area or remain upwind. Restrict access to unauthorized personnel. Absorb with inert materials (such as dry sand) and collect using clean tools into dry, clean, covered containers for proper disposal. After cleanup, ventilate the area and lightly spray with water. Avoid generating dust.

Store in a cool, well-ventilated, and dry warehouse. Keep away from sources of ignition and heat. Protect from direct sunlight. Store separately from strong acids, strong oxidizing agents, strong reducing agents, and flammable materials. Opened containers should be carefully sealed and kept upright to prevent leakage. Moisture sensitive. The storage area should be equipped with appropriate firefighting equipment, spill response equipment, and suitable containment materials.

Exposure Controls / Personal Protection

Wear appropriate respiratory protection, chemical safety goggles, and protective gloves during use. Ensure adequate ventilation during operation. Emergency showers and eyewash facilities should be available.

To see all of our products use your smart phone to scan this code.



Contact us

@ sales@levsongroup.com <https://nanoecotech.com>

📍 **LEVSON (HK) Limited**

ROOM 2122, 21/F, REMEX CENTRE, NO.42 WONG CHUK HANG ROAD, HONGKONG