



## Highly conductive thin graphene nanoplatelet oily battery slurry

### 1. Name and code:

Name: Highly conductive thin graphene nanoplatelet oily battery slurry

Code: GRF-HCG-01

Specification: 1 kg 2 kg 5 kg 10 kg

Package: Plastic barrel or aluminium pot



### 2. Application fields:

This product is thin graphene nanoplatelet-based oily battery slurry with high electrical conductivity. By contrast with the similar products, this product with technical advantages is metal ion free and can be widely applied in battery slurry as conductive agent to improve the high rate charge-discharge capacity.



- Lithium ion and nickel-hydrogen battery—as high conductive components in battery slurry.
- Supercapacitor —conductive reagents of the supercapacitor electrodes.
- Lead acid cell, solar cell and semiconductor industry.
- Other conductive industry.

### 3. Product Parameter:

Composition	Content	Unit
Thin graphene nanoplatelets	1-10	wt%
Dispersant	1-5	wt%
Assistant reagent	1-5	wt%
N-Methylpyrrolidone (NMP)	80-95	wt%
Viscosity	2000-6000	mPas

### 4. Direction for use:

This product need store in dry ,shady and cool condition. Keep away off high temperature fire or hot source and avoid exposing in sunlight directly. The shelf lives of the product are 6 month and 3 days in sealing and uncap state, respectively. The product need stir uniformly before use.



## **5. Package, storage and transportation.**

### 1) Package:

Plastic barrel or aluminium pot.

### 2) Storage:

The product need store hermetically in dry condition and avoid sunlight. The ambient temperature should be not more than 30 °C . The product must not contact with toxic and dangerous gas, volatile and polluted source. Keep away from fire.

### 3) Transportation:

Avoid exposing in sunlight directly and being affected with damp. The product must not mix-load with hard substance. Please load and unload carefully.