



Graphene

Graphene Conductive Slurry Product manual

Graphene

Science

科學

Creation

創新

Future

未來



Qingdao DT Nanotech Co., Ltd.

Add: The Graphite New Material Industrial Park, Nanshu Town,
Laixi City, Qingdao, Shandong Province, China

Tel: 0532-83433388

[http: www.dtnano.com](http://www.dtnano.com)

High temperature stability	wt%	≤ 0.20	≤ 0.20	60°C -48h seal Change of slurry solid content above the top layer M=Mb-Ma
Element content	ppm	Fe ≤ 20	Fe ≤ 20	ICP-AES
		Co ≤ 5	Co ≤ 5	
		Ni ≤ 5	Ni ≤ 5	
		Mn ≤ 5	Mn ≤ 5	
		Cu ≤ 5	Cu ≤ 5	
		Zn ≤ 5	Zn ≤ 5	
Resistivity (ρ)	$\Omega \bullet \text{cm}$	$\leq 1.0 \times 10^{-2}$	$\leq 1.0 \times 10^{-2}$	Pressing pellet method 5MPa GB/T 15064-2008

【Applications】

Suitable applications of this product includes (but not limited to): functional composites, energy storage and power battery, new energy, solar energy, electronic components, electronic process engineering, printing, antistatic, electromagnetic shielding and so on.

【Notes on usage】

1. When using the product, please read the material safety data sheet of the company's products (MSDS) and hazardous materials identification system (HMIS).
2. Over time the product may have a small amount of solid precipitate, but can be restored to a uniform state of the original suspension after shaking and does not affect its uses.
3. Users can decide whether to dilute and the ratio of dilution to the original liquid according to their own requirements.
4. Be sure to keep a well-ventilated room when using this product.
5. Container of the graphene conductive slurry should be sealed when not in use and stored in a cool and dry environment. In a low temperature environment, if frozen, it can be used normally after thawing.
6. This content is based on the data and information that can be obtained at present.

【Instructions on safety, health, and environmental protection】

1. The slurry should be sealed tightly and handled gently during transportation, and should not be stored upside down.
2. When the product is used in high temperature, avoid direct contact with the skin. Wear goggles and gloves when in use.
3. Please comply with the relevant laws, rules, and regulations when disposing of waste.

【HMIS(Hazardous Material Identification System)】

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

Rank classification:

- 0= None**
- 1= Mild**
- 2=Moderate**
- 3=High**
- 4=Extreme**

Personal protective equipment:

A= Glasses; B= Glasses + Gloves
【MSDS(Material Safety Data Sheet)】

See the appendix for more details.

【Appendix I】

All related data in this description was obtained in a laboratory setting. The actual use of the measured data may be slightly different due to changes in the environment. If the above data are changed, the latest instructions are subject to the company's latest instructions.

【Appendix II】

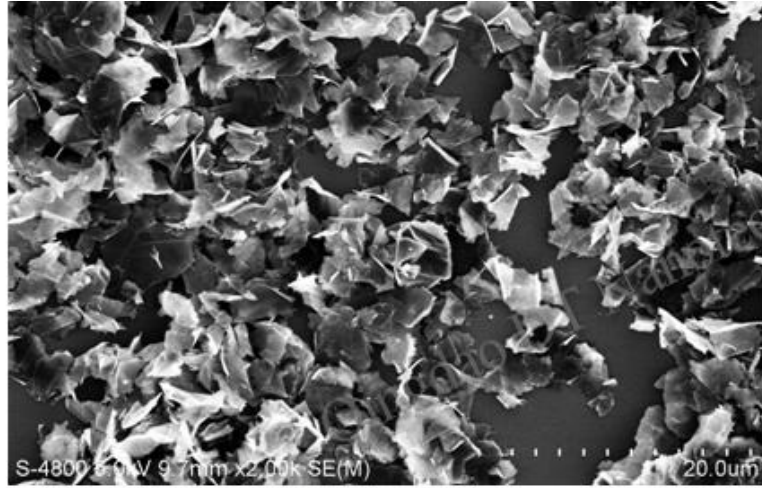
Scanning electron microscope photograph、 Transmission electron microscope photograph

(SGS-H2O-5G)

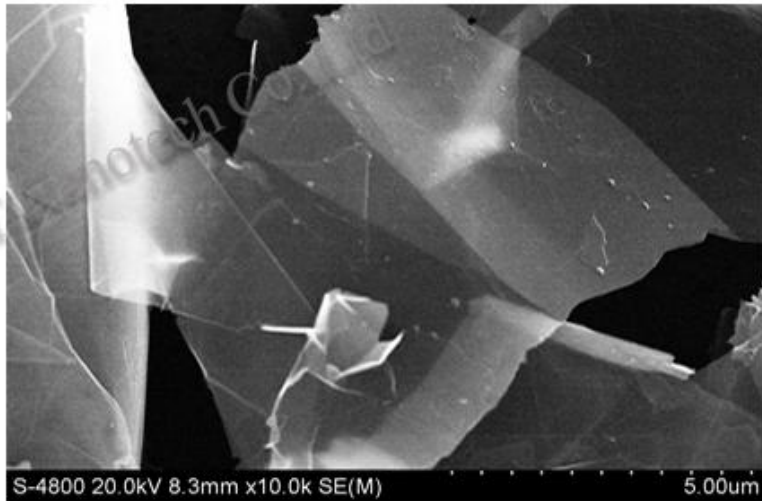


(SGS-NMP-5G)





Scanning electron microscope photograph



Scanning electron microscope photograph



Transmission electron microscope photograph