

Zhaoshun Technology(Guangdong) Co.,Ltd.

PRODUCT INTRODUCTION (TDS)

ZS-GF-Z10

1. Features

ZS-GF-Z10 is a kind of heat-conducting and insulating silicone grease. The silicone grease is non-toxic, non-corrosive, tasteless and non-drying. It can be used for a long time at temperatures ranging from -60°C to $+200^{\circ}\text{C}$.

It has not only excellent electrical insulation, but also excellent thermal conductivity. It also has the characteristics of low oil separation, high and low temperature resistance, water resistance, ozone resistance, climate aging resistance, good construction performance and good use stability.

It can be widely coated on the contact surface between heating body and heat dissipation facilities in various electronic products and electrical equipment, and has the functions of heat transfer media, moisture-proof, dust-proof, corrosion-proof and shock-proof.

2. The typical use

The product is designed to provide efficient thermal transfer for the cooling of electronic modules used in computer, power supply, and automotive applications.

3. Tech. Data

Item	Standard
Appearance	White Paste
Penetration Degree (1/10mm)	250-300
Specific Gravity	1.8-2.2
Ionization Degree (%) (200°C, 8h)	≤ 1.0
Volatile Matter (%) (200°C, 8h)	≤ 1.0
Dielectric Strength (kV/mm)	≥ 5
Volume Resistivity($\Omega\cdot\text{cm}$)	$\geq 1.0\times 10^{11}$
Thermal Conductivity[W/(m·K)]	1.0-1.2

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The above data are not intended for use in preparing specifications. Please contact us before writing specifications on this product.

4. Operation

1. Apply grease with a squeegee through a stencil or screen.
2. Spread out or bulk material with a spatula.

5. Note

- 1). This product is not dangerous, but not to eat and enter eyes.
- 2). In general, the product is resistance to minimal or intermittent solvent exposure, however best practice is to avoid solvent exposure altogether.
- 3). This product can't be used for a long time in high temperature above 250 °C, but can continue to use under - 60 ~ 200 °C.

6. Packing, Storage and transportation

1. Packing: 1kg/pot. (which may be decided according to user's need)
2. The product is stored in the dry and cool place, the storage period is 1 years., if out of the date, please try firstly before using it..
3. Such products are non-dangerous goods, can be transported as common chemicals. Be careful during transport and prevent the leakage.

7. Suggestions and statement

Suggest users to do the applicability test before the formal use of this product. Due to the diversity of practical application, we won't c responsibility for the problems in special conditions of use about our products. We are not responsible for any direct, indirect or accidental damage. But users can contact my company's after-sales service when you have any problem in the using process, and we will try to help you.

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