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Shenzhen Sinwe New Material Co., Ltd

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1110 Product technical data

1、 Product introduction

SINWE®Xinwei 1110 thermal conductive silicone grease (paste) is produced with imported raw materials and formula, and is compounded with organosiloxane and metal oxide with good thermal conductivity and insulation. The product has excellent thermal conductivity, good electrical insulation, high and low temperature resistance, good use stability, low consistency and good construction performance. The product is non-toxic, non-corrosive, tasteless, non-dry and insoluble.

2、 Typical use

It is widely used as heat transfer medium of electronic components, such as gap filling between CPU and radiator, gap filling between high-power triode, thyristor element diode and substrate (aluminum and copper), so as to reduce the working temperature of heating elements.

3、 Technical parameters

Items	1110
appearance	White paste
Penetration (1 / 10mm)	300±40
Density (g / cm) ³	2.2
Oil separation (% , 200 °C / 8Hr)	≤3.0
Volatility (% , 200 °C / 8Hr)	≤2.0

Operating temperature range (°C)	-50~300
Thermal conductivity (w / m. k)	≥ 1.00

4、 Use process

Clean the surface to be coated to remove oil stain; Then, the thermal conductive silicone grease can be extruded directly and evenly coated on the surface to be coated. Note that the construction surface should be uniform, as long as a thin layer is applied.

5、 Precautions

The use of thermal conductive silicone grease is not the more the better, but the thinner the better on the premise of ensuring that the gap is filled. Multi coating is not beneficial, but will affect the heat conduction efficiency.

6、 Packing specification

1kg / bottle.

7、 Storage and transportation

1. The storage life of this product is 1 year (25 °C).
2. These products are non-dangerous goods and can be transported as general chemicals.