

Product description

- One-part silicone thermal conductive gel
- Blue paste
- Pre-curing type

Product features

- Thermal conductivity: 6.0 W/ m·K
- Pre-curing system for easy dispensing
- Excellent chemical and mechanical stability
- No residual stress after gluing, effectively protects precision electronic components from damage

Typical applications

- Bare die chip low-stress mounting environment
- 5G communication board cooling field
- High-value boards need to be reworked
- Smart phone modules and consumer electronics etc.

Directions for use

- Please ensure that the product is opened within the shelf life
- Test confirm with a sample before applying the product to the material.
- Before use, clean the surface to be applied and remove oil and dirt.
- The sizing surface should be even and consistent, as long as a thin layer is applied.
- To avoid being polluted by dust and other impurities, the product should not be exposed to the air for a long time.

Technical parameters

Reference standard	Item	Unit	Value
ASTM D792	Density	g/cm ³	3.3±0.3
Huitian test method	Flow velocity (30cc EFD/ 90psi/60s)	g/min	30
ASTM D257	Volume resistivity	Ω·cm	1.0×10 ¹²
ASTM D149	Dielectric strength	Kv/mm	4
ISO22007	Thermal conductivity	W/ m·K	6.0±10%
	Operating temperature	°C	-40~150

Note: The reference standards are not dated and their latest versions are applicable to this document.

Cautions

Keep away from children for storage.

On the premise of filling the gap, the thinner the coating, the better.

If the skin is accidentally exposed to the product, wipe clean and rinse with water.

If the eyes are accidentally exposed to the product, rinse immediately with plenty of water and seek medical examination.

Please consult the MSDS of the product for details.

Storage

Store at 8-28°C in a cool and dry place.

Shelf life is 6 months.

Packing specification

Order code: 950601 30ml/tube
950604 300ml/cartridge

Note:

The data in this document were obtained under laboratory conditions. Due to differences in the operating environment, the user can refer to these data and operating conditions for analysis and testing. Huitian does not guarantee the sale of products or the use of the products under specific working conditions and does not accept any liability for direct, indirect or incidental damage. If users encounter any problems in the process of use, please contact the technical service department of Huitian New Material and all assistance will be provided.

