

Technical parameters

Product description

- Pink paste gel
- One-part pre-curing type
- Silicone thermal conductivity complex

Product features

- High thermal conductivity 4W/m·K
- Very small BLT and very low thermal resistance
- Soft adhesion and self-adhesive properties after dispensing
- Excellent chemical and mechanical stability
- No residual stress after sizing, effectively protects precision electronic components from damage.

Typical applications

- Bare die chip low stress mounting
- Heat dissipation field of 5G communication boards
- Automotive electronic equipment
- Smart phone modules and consumer electronics
- Other high-value boards need to be reworked

Directions for use

- Before use, please confirm with a sample before applying, then 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.

Reference standard	Item	Unit	Value
—	Extrusion rate (30ccEFD@90psi)	g/min	30
GB/T 13354	Density	g/cm ³	3.2
ASTM D5470	Thermal conductivity	W/ m·K	3.7
ISO 22007	Thermal conductivity	W/ m·K	4.0
ASTM D5470	Thermal resistance (40psi)	°C·cm ² /W	0.35
GB/T2408	Flame retardant	/	V0
—	Minimum interstitial thickness	mm	0.1
—	Maximum interstitial thickness	mm	1.0
ASTM D149	Dielectric strength	KV/mm	8.0
ASTM D257	Volume resistivity	Ω · cm	1.0×10 ¹³
ASTM E595	Thermal weight loss	%	0.2
UL94	Flame retardant	—	V0
	Long-term service 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.

The product is not applied as much as possible, but as thin as possible to ensure that it fills the gap.

Please consult the MSDS of the product for details.

Storage

Store in a cool and dry place.

Shelf life is 6 months.

Packing specification

Order code: 950401,30cc; 950404,300cc.

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.