



GS-200-LE Thermal Pad

Description:

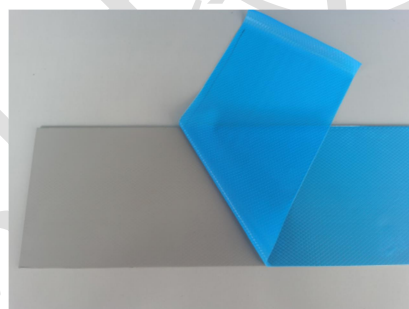
This product is a typical thermal interface material that effectively transmits heat generated from heat sources inside various devices such as electronic devices and automobiles. It is a silicone based product with excellent heat resistance and electrical insulation properties. The operating temperature of this product is from -45 to 150°C with excellent thermal performance and compliance, which can meet the customer needs.

Characteristic

- Low hardness and compressible
- Stress relief and electrically isolating
- UL 94 V-0 flame classification

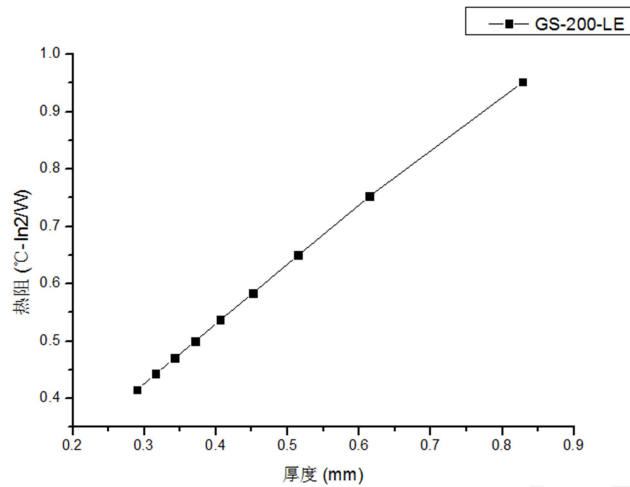
Typical Applications

- Power Conversion
- Automotive electronics
- Telecom base stations
- Microprocessors and graphic chips



Typical Properties

| Properties | Typical value | Test method |
|------------------------------------|---------------|-------------|
| Color | Grey | Visual |
| Reinforcement Carrier | Optional | / |
| Durometer (Shore 00) | 20~65 | ASTM D2240 |
| Thickness (mm) | 0.5~5 | ASTM D374 |
| Thermal Conductivity (W/m*K) | 2.0 | ASTM D5470 |
| Density (g/cc) | 2.0 | ASTM D792 |
| Dielectric Strength (KV/mm) | >8 | ASTM D149 |
| Volume Resistivity (Ω *cm) | $>10^{13}$ | ASTM D257 |
| Flame Classification | V-0 | UL94 |
| Operating Temperature (°C) | -45~150 | / |



GS-200-LE Thickness vs Thermal Resistance

Storage:

- Shelf life: 10 years
- Temperature: -20°C~50°C
- Relative humidity: RH<70%

Package:

- Sheet packaging

The technical data in this data sheet only represent typical values, not the test values of each batch of products. If you need the technical specification of the final product, please contact the relevant technical personnel.

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