

TH 837 Silicone Thermal Grease

Description

TH 837 is a white, highly filled silicone system suitable for screen printing process and thermal dissipation of electronic devices. This one part system designed to be non curable. It has stable and long shelf life even at room temperature of 25°C. It has relatively low viscosity for faster screen printing process.

Applications

1. Heat dissipation from electronic components.

Guidelines for Use

1. Stir the silicone grease prior to use. Dispense it by using a syringe.
2. Alternatively, the silicone grease can be applied by stencil printing process.
3. Wipe off any excess grease with a piece of dry cloth or tissue. Further cleaning may be achieved with tissue dabbed with isopropanol.

Properties

| Property | Test Method | Unit | Typical Value |
|---|-------------|-------|---------------|
| Appearance | PEN 10 | - | White paste |
| Viscosity, Brookfield CAP2000+, C06, 5rpm, 25°C | ASTM D4287 | cP | 170,000 |
| Thermal Conductivity | PEN 104 | W/mK | 6.0 |
| Specific gravity | PEN 14 | - | 3.2 |
| Shelf life | PEN 115 | Month | 12 |

* The values above are tested based on batch to batch basis. These values are not use as a basis for preparing specifications.

Storage

Tightly close original container of unused product. Store at dark and cool place temperature

Packaging

- 300ml plastic jar
- 1kg plastic pail

Environment, Health & Safety

This product is RoHS compliant. It does not contain any known carcinogenic, mutagenic or teratogenic components.

Contact Information

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