

TH 235-2 Non Silicone Thermal Putty

Description

TH 235-2 is a non silicone based thermally conductive putty, suitable for used as thermal interface material for electronic devices. It has higher extrusion rate, low bleed and non flow. It is designed for very good thermal conduction.

Applications

- 1 Non-silicone thermally conductive putty to dissipate heat from electronic components.

Guidelines for Use

1. Make sure the surface of the substrate is clean and dried.
2. Dispense the putty by using a syringe/barrel.
2. Alternatively, the putty can be applied manually by using a stainless steel spoon.
3. If necessary, work and kneed the putty around electronic part and circuit evenly by hand.
4. Wear rubber gloves when handling the putty.
5. Wipe off any excess putty with a piece of dry cloth. Further cleaning of residues may be achieved by wiping with cloth dabbed with iso-propanol.

Properties

| Property | Test Method | Unit | Typical Value |
|--|-------------|-------|---------------|
| Chemical type | | - | Non silicone |
| Appearance | PEN 10 | - | Light blue |
| Mix ratio, by weight | | - | One component |
| Viscosity, C06, 5rpm, 25°C | PEN 44 | cP | 245,000 |
| Extrusion rate, 2.5mm orifice, 50psi, 25°C | PEN 107 | g/min | 8.5 |
| Flow test, 45° incline | PEN 15 | mm | Non flow |
| Specific gravity, 25°C | PEN 14 | - | 3.0 |
| Thermal conductivity | ASTM D5470 | W/mK | 4.0 |
| Volatile content | PEN 92 | % | <0.6 |
| Oil bleeding, 100°C/100h | PEN 99 | mm | 45 |

1. Most of the test methods correspond to American Standard Test Methods (ASTM).
2. 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 it in a cool and dry place.

Packaging

- 30ml syringe
- 500g jar

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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