

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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