

TH 937 Silicone Thermal Grease

Description

TH 937 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 gently 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
Viscosity, Brookfield CAP2000+, C06, 5rpm, 25°C	PEN 44	cP	150,000
Thermal Conductivity	ASTM D5470	W/mK	3.5
Specific gravity	PEN 14	-	3
Shelf life	PEN 115	Month	12

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 at dry 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

Penchem Technologies Sdn Bhd
(767120-A), 1015, Jalan Perindustrian Bukit Minyak 7, 14100 Penang, Malaysia
T: +604-501 5976, 77, 78
F: +604-501 5979
E: enquiry@penchem.com
W: www.penchem.com

Revision 2. 18-Jan-18.TC