



TG-NSP36K-1 Non-Silicone Thermal Putty

Version 3.080618



Non-Silicone Thermal Putty

TG-NSP36K-1 is a non-silicone based thermally conductive putty, suitable for use as a thermal interface material for cooling of electronic devices. This material is designed to optimize flow from a dispensing system and also provides a low thermal impedance for enhanced cooling.

Features

- Excellent thermal conductivity 4.4W/mK
- Fully cured and reworkable
- Ideal for wide range of gaps
- Fully supported optimisation of dispense systems

Applications

- Consumer electronics
- Power supplies and semi-conductors
- Automotive
- LED lighting

Properties

- ✓ REACH Compliant
- ✓ ROHS Compliant

Property	TG-NSP36K-1	Unit	Tolerance	Test Method
Colour	Light Blue	-	-	Visual
Mix ratio, by weight	One component	-	-	-
Extrusion rate, 2.5mm orifice, 50psi, 25°C	8.5	g/min	-	-
Temperature Range	-40 to 200	°C	-	-
Flow Test, 45° incline	Non flow	mm	-	-
Specific Gravity 25°C	3.0	-	-	ASTM D792
Thermal Conductivity	4.4	W/mK	-	ASTM D5470
Volatile Content	<0.6	%	-	ASTM E595
Oil Bleeding 100°C/100h	45	mm	-	-
Shelf Life	12	months	-	-

Standard Packaging

Size	Pot	Weight (gr)
	Syringe	30ml
Syringe	55ml	
Jar	500g	
Metal Pail	9kg	

Storage

Tightly close original container of unused product. Store in a cool and dark place.

T-Global Technology Limited
1 & 2 Cosford Business Park, Central Park,
Lutterworth, Leicestershire LE17 4QU U.K.

Tel: +44 (0)1455 553 510
Email: sales@tglobaltechnology.com
Web: www.tglobaltechnology.com
Skype: tglobal.technology
VAT #: GB 116 662 714

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