



TG-PP-10 Silicone Thermal Putty

Version 1.030518



Silicone Thermal Putty

TG-PP-10 is a high-performance silicone putty material which is designed to offer a low cost of ownership approach to thermal management. The product is a one-part, fully cured thixotropic putty which can be dispensed either manually or automatically for volume production. The product is form stable and can be used for applications such as automotive electronics, consumer electronics and medical devices.

Features

Thermal conductivity 10 W/mK
 Single component silicone putty
 Soft and ultra high compressibility for low stress applications
 Can be used to fill gaps from 0.25 – 8mm

Applications

Consumer electronics
 White goods
 Telecom infrastructure

Properties

- ✓ REACH Compliant
- ✓ ROHS Compliant

Property	TG-PP-10	Unit	Test Method
Chemical type	Silicone	-	-
Appearance	White Putty	-	-
Mix ratio, by weight	1 component	-	-
Shelf life	6	Month	-
Viscosity, Brookfield RVT, 25 °C	Putty	cP	ASTM D792
Specific gravity, 25 °C	3.2	-	ASTM D792
Thermal Conductivity	10	W / mK	ASTM D5470
Storage Temperature	-50 to 200	°C	-

Standard Packaging

Pot Size	Pot	Weight (gr)
	Pail	1kg
Pail	5kg	

* All measurements in weights are in gr

* Data for design engineer guidance only. Observed performance varies in application. Engineers are reminded to test the material in application.

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