

Thermally conductive products

Thermigrease® TG 20014

Description: Thermigrease® TG 20014 is a silicone-free thermally conductive paste. This product offers high thermally conductivity and does not bleed or evaporate in a wide temperature area. Thermigrease® TG 2014 does not solidify, dry or melt in a period of 1.000 hours at 200°C. Thermigrease® TG 20014 is very stable at increased temperatures and has a good thermal resistance.

Standard colour: Thermigrease® TG 20014 is a white/grey paste.

Delivery forms: Thermigrease® TG 20014 is available in injections, tubes, cartridges, cups and buckets.

Storage requirements: Thermigrease® TG 20014 should be stored in dry rooms at room temperature and in its original packaging.

Dr. Dietrich Müller GmbH

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Property	Test method	Unit	Value
Appearance Influence	ASTM D-217	-	250 – 350
Density	ASTM D-70	g/cm ³	2.4
Bleeding (24 h. %/weight)	FTM-321	at 150°C at 200°C	0.00 0.00
Outgassing (24 h %/weight)	FTM-321	at 150°C at 200°C	0.00 0.50
Thermally conductivity at 36°C	MIL-C-47113	W/mK	0.70
Dielectric strength	ASTM D-149	kV/mm	16
Dielectric constant	ASTM D-150	-	4.9
Dissipation factor tanδ	ASTM D-150	-	0.0011
Specific electric resistivity	ASTM D-257	Ohm cm	1.96 10 ¹⁵
Service temperature	-	°C	-55 up to +205
Viscosity	-	g/min	2 up to 25

Trademark information: Thermigrease® is a registered trademark of Dr. Dietrich Müller GmbH, Germany.

Please note:

The information in this data sheet is based on our current knowledge and experience. They do not disengage the fabricator and user from own tests and inspections because of the plenty of possible effects. There is no judicial binding assurance of certain properties or of the qualification for a concrete application in our declaration. We recommend consulting us in individual cases. The acceptor of our products has to observe possible industrial property rights as well as present laws by himself.

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