

Thermal Conductivity Products

Thermigrease® TG 20008

Description: Thermigrease® TG 20008 is a silicon-free thermal interface material, which solves the problems by contaminant and hike of silicon products in the environment. The synthetic thermal interface material Thermigrease® TG 20008 guaranteed a rapid and efficient thermal conduction. The thermal interface material is compatible with metal and plastic components and it meets the standard KS 213434 and military specification MIL-C-47113B.

Colour: Thermigrease® TG 20008 is a white paste.

Delivery form: Thermigrease® TG 20008 is delivered in syringes, tubes, cartridges, cups, pails and sprays.

Storage: Thermigrease® TG 20008 should be stocked in dry rooms at room temperature and in its original packing.

Dr. Dietrich Müller GmbH

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Properties	Testmethod	Unit	Value
Quality of influence	ASTM D-217	-	250-350
Density	ASTM D-70	g/cm ³	2.7
Outgassing (24 hr.;%/weight)	FTM-321 FMT-321	by 150°C by 200 °C	0.00 1.10
Outgassing (24 hr.;%/weight)	FTM-321 FMT-321	by 150°C by 200 °C	0.10 0.60
Thermal conductivity (by 36°C)	MIL-C-47113	W/m K	0.70
Dielectric strength	ASTM D-149	kV/mm	12
Relative dielectric Constant	ASTM D-150	-	4.5
Loss factor tan δ	ASTM D-150	-	0.0029
Specific electric Resistor	ASTM D-257	Ohm cm	1.65 10 ¹⁴
Operating temperature area	-	°C	-40 up to +200
Viscosity	-	g/min	2 up to 1

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

Information:

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