

Dr. Dietrich Müller GmbH, Zeppelinring 18, D-26197 Ahlhorn

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.

Stand November 2014

Zeppelinring 18 | D-26197 Ahlhorn | Tel.: +49 (0) 4435 97 10 10 | Fax: +49 (0) 4435 97 10 11
info@mueller-ahlhorn.com | www.mueller-ahlhorn.com | Sitz der Gesellschaft: Ahlhorn
Geschäftsführer: Heinz-Jürgen Siebert | AG Oldenburg: HRB 209026 | Ust. ID-Nr.: DE 295969093
St.-Nr.: 68/207/07677 | Zertifiziert nach DIN EN ISO 9001:2008 | UL anerkannter Repacker E341377

Dr. Dietrich Müller GmbH

- Elektroisierstoffe
- Dichtungen
- Wärmeleitprodukte
- Technische Folien

Dr. Dietrich Müller GmbH, Zeppelinring 18, D-26197 Ahlhorn

Thermigrease® TG 20008

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	by 150°C	0.00
	FMT-321	by 200 °C	1.10
Outgassing (24 hr.;%/weight)	FTM-321	by 150°C	0.10
	FMT-321	by 200 °C	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 Ahlhorn.

Stand November 2014

Zeppelinring 18 | D-26197 Ahlhorn | Tel.: +49 (0) 4435 97 10 10 | Fax: +49 (0) 4435 97 10 11
 info@mueller-ahlhorn.com | www.mueller-ahlhorn.com | Sitz der Gesellschaft: Ahlhorn
 Geschäftsführer: Heinz-Jürgen Siebert | AG Oldenburg: HRB 209026 | Ust. ID-Nr.: DE 295969093
 St.-Nr.: 68/207/07677 | Zertifiziert nach DIN EN ISO 9001:2008 | UL anerkannter Repacker E341377

Dr. Dietrich Müller GmbH

- Elektroisierstoffe
- Dichtungen
- Wärmeleitprodukte
- Technische Folien

Dr. Dietrich Müller GmbH, Zeppelinring 18, D-26197 Ahlhorn

Thermigrease® TG 20008

Information:

All information, including illustrations, is believed to be reliable. Users, however, should independently evaluate the suitability of each product for their application. Dr. D. Müller GmbH makes no warranties as to the accuracy or completeness of the information, and disclaims any liability regarding its use. Dr. D. Müller GmbH only obligations are those in the Standard Terms and Conditions of Sale for this product and in no case will Dr. D. Müller GmbH be liable for any incidental, indirect or consequential damages arising from the sale, resale, use, or misuse of the product. Dr. D. Müller GmbH Specifications are subject to change without notice. In addition, Dr. D. Müller GmbH reserves the right to make changes in materials or processing without notification to the Buyer, which do not affect compliance with any applicable specification.

Stand November 2014

Zeppelinring 18 | D-26197 Ahlhorn | Tel.: +49 (0) 4435 97 10 10 | Fax: +49 (0) 4435 97 10 11
info@mueller-ahlhorn.com | www.mueller-ahlhorn.com | Sitz der Gesellschaft: Ahlhorn
Geschäftsführer: Heinz-Jürgen Siebert | AG Oldenburg: HRB 209026 | Ust. ID-Nr.: DE 295969093
St.-Nr.: 68/207/07677 | Zertifiziert nach DIN EN ISO 9001:2008 | UL anerkannter Repacker E341377

Dr. Dietrich Müller GmbH

- Elektroisierstoffe
- Dichtungen
- Wärmeleitprodukte
- Technische Folien