

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

Thermally conductive products

Thermigrease® TG 20034

Description: Thermigrease® TG 20034 is a thermally conductive silicone paste which is additionally filled with metal oxides.

Properties: Thermigrease® TG 20034 offers a high thermal conductivity, low bleeding and good temperature stability. Thermigrease® TG 20034 does not show any texture changes up to a temperature of 177°C. It remains to its very efficient connection to substrates and ensures the heat transfer of the electrical or electronic assembly group to the heat sink or the housing.

Standard colour: Thermigrease® TG 20034 is delivered in a white colour.

Delivery form: Thermigrease® TG 20034 is available in injections, tubes, cartridges, cups and buckets.

Storage requirements: Thermigrease® TG 20034 is durable 24 months if stored in a dry place at room temperature and in its original packaging.

Stand October 2014

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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

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- Elektroisierstoffe
- Dichtungen
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Properties	Unit	Value
Product form	-	One component
Viscosity	-	Not viscose
Temperature area	°C	-75 up to +350
Thermal conductivity at 25°C	W/mk	0.8
Dielectric strength	Volts/mil kV/mm	210 21.7
Dielectric constant at 1 MHz	1 MHz	4.4
Dissipation factor	1 MHz	0.02
Volume resistivity	Ohm.cm	5.00E+15
Oil separation (JIS K 2220)	%	0.02
Composition (JIS K 2220 10/mm)	-	308
Volatile components (24hrs/120°C)	%	0.40

Trademark Information: Thermigrease® is a registered trademark of the company 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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