

Thermally conductive materials

Thermigrease[®] TG 20044

Description: Thermigrease[®] TG 20044 is a silicon based thermally conductive paste.

Characteristics: Thermigrease[®] TG 20044 is suitable for higher temperature requirements.

Application: Thermigrease[®] TG 20044 is ideal for applying with a brush, scraper, roller or pad. Thermigrease[®] TG 20044 covers a broad application field and can be used in many industry sectors.

Colour: Thermigrease[®] TG 20044 is a white paste.

Form of Supply: Thermigrease[®] TG 20044 is available in syringes, tubes, cartridges, tubs and pails.

Storage Conditions: Thermigrease[®] TG 20044 should be stored in dry conditions under room temperature and in original packaging.

Thermigrease® TG 20044

Properties	Test Method	Unit	Value
Condition			paste-like
Specific Gravity	at 25°C	kg/dm ³	2.3 – 2.4
Temperature Range		°C	-75 to +350
Thermal Conductivity	DIN 52612	W/mk	3.8
Electrical Resistance		Ohm x cm	10 ¹⁴
Dielectric Strength	DIN 53481	KV/mm	35
Dissipation Factor	ASTM D 150		0.025
Dielectric Constant			2.4 – 2.7
Arc resistance		sec.	60 - 100

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

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.

Dr. Dietrich Müller GmbH