

Thermally conductive products

Thermigrease® TG 20031

Description: Thermigrease® TG 20031 is a silicone based thermally conductive paste.

Properties: Thermigrease® TG 20031 is suitable for increased temperature-, thermally conductivity, thermally conductive and stability requirements.

Applications: Thermigrease® TG 20031 is especially suitable for application with brush, scraper, screen- and pad printing. Thermigrease® TG 20031 can be used in a wide application field and many parts of the industry.

Standard colour: Thermigrease® TG 20031 is delivered in a white colour.

Delivery form: Thermigrease® TG 20031 can be delivered in injections, tubes, cartridges, cups and buckets.

Storage requirements: Thermigrease® TG 20031 should be stored in dry rooms at room temperature in its original packaging.

Dr. Dietrich Müller GmbH

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| Property | Test method | Unit | Value |
|-------------------------|-------------|--------------------|------------------|
| Condition | - | - | Pasty |
| Density at 25°C | - | kg/dm ³ | 2.3 – 2.4 |
| Temperature area | - | °C | -75 up to +350 |
| Thermally conductivity | DIN 52612 | W/mk | 2.5 |
| Electrical resistance | - | Ohm x cm | 10 ¹⁴ |
| Dielectric strength | DIN 53481 | KV/mm | 35 |
| Dissipation factor tanδ | ASTM D 150 | - | 0.025 |
| Dielectric constant | - | - | 2.8 – 3 |
| Arc resistance | - | sec. | 70 - 110 |

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.

Dr. Dietrich Müller GmbH