

## Thermally conductive products

### Thermigrease® TG 20029

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**Description:** Thermigrease® TG 20029 is a silicone-free thermally conductive paste.

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**Properties:** Thermigrease® TG 20029 is suitable for increased temperature requirements.

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**Usage:** Thermigrease® TG 20029 is especially suitable for application with brush, spatula, screen and pad printing. Thermigrease® TG 20029 covers a wide application field and can be used in many areas of the industry.

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**Standard colour:** Thermigrease® TG 20029 is delivered in white colour.

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**Delivery forms:** Thermigrease® TG 20029 is delivered in injection, tubes, cartridges, cups and buckets.

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**Storage conditions:** Thermigrease® TG 20029 should be stored in dry rooms at room temperature and in its original packaging.

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## Thermigrease® TG 20029

| Property                | Test method | Unit               | Value            |
|-------------------------|-------------|--------------------|------------------|
| Condition               | -           | -                  | Pasty            |
| Density at 25°C         | -           | kg/dm <sup>2</sup> | 2.2 – 2.4        |
| Temperature area        | -           | °C                 | -60 up to +220   |
| Thermal conductivity    | DIN 52612   | W/mk               | 1.7              |
| Electrical resistance   | -           | Ohm x cm           | 10 <sup>14</sup> |
| Dielectric strength     | DIN 53481   | kV/mm              | 22               |
| Dissipation factor tanδ | ASTM D 150  | -                  | 0.003            |
| Dielectric constant     | -           | -                  | 2.8 – 3.0        |
| Light arc resistance    | -           | Sec.               | 70 - 110         |

**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.

Dr. Dietrich Müller GmbH