

## Thermally conductive products

### Thermigrease® TG 20050

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**Description:** Thermigrease® TG 20050 is a thermally conductive paste, which can be processed easily and characterizes by its high stability and high thermally conductivity. Furthermore Thermigrease® TG 20050 does not solidify.

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**Applications:** Thermigrease® TG 20050 is used among others in ICs, CPUs or MOS. Furthermore Thermigrease® TG 20050 can also be used in LEDs, heat sinks, LCD-TVs as well as telecommunication devices.

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**Standard colour:** Thermigrease® TG 20050 is delivered in a white/grey colour as standard.

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**Delivery forms:** Thermigrease® TG 20050 is delivered in different packaging units like injections, tubes, cartridges, cups or buckets.

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**Storage requirements:** Thermigrease® TG 20050 should be stored in its original packaging under 25°C and therefore it can be stored for 18 months after manufacturing.

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## Thermigrease® TG 20050

| Property             | Test method | Unit              | Value             |       |      |
|----------------------|-------------|-------------------|-------------------|-------|------|
| Thermal conductivity | ASTM D5470  | W/mK              | 3.6               | 1.8   | 5    |
| Colour               | Visible     | -                 | White             | White | Grey |
| Weight loss          | ASTM E595   | %                 | <0.5              |       |      |
| Specific weight      | ASTM D792   | g/cm <sup>3</sup> | 2.3               |       |      |
| Working temperature  | -           | °C                | -40 up to +180    |       |      |
| Surface resistivity  | ASTM D257   | Ohm-cm            | >10 <sup>12</sup> |       |      |

**Trademark information:** Thermigrease® is a registered trademark of the 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