

Thermally conductive products

Thermipad® TP 22602

Description: Thermipad® TP 22602 is a silicone thermal pad, which is filled with ceramic. It offers good thermal conductivity, high compressibility and flexibility. Thermipad® TP 22602 has a light, natural adhesion.

Delivery forms: Thermipad® TP 22602 can be delivered as sheet (400 x 300 mm), customized cut or die-cut part. Other delivery forms upon customer request.

| Property | Testmethod | Unit | Value |
|----------------------------|-------------|---------|------------------------|
| Colour | | | Grey |
| Thicknesses | | mm | 0,5 – 12,0 |
| Hardness | ASTM D 2240 | Shore C | 25 |
| Density | ASTM D 792 | g/cc | 2 |
| Tensile strength | ASTM D 142 | KN/m | 1,3 |
| Elongation | ASTM D 142 | % | 1,35 |
| Temperature range | EN 344 | °C | -40 to +150 |
| Breakdown voltage | ASTM D 149 | kV/mm | ≥4,0 |
| Impedance | ASTM D 257 | Ohm-cm | 1,7 x 10 ¹⁶ |
| Dielectric constant | ASTM D 150 | 1MHz | 4,51 |
| Weight loss 240 h at 150°C | | % | ≤1 |
| Flammability | UL 94 | | V-0 |
| Thermal conductivity | ASTM E 1461 | W/mk | 0,8 |

Dr. Dietrich Müller GmbH

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Trademark information: Thermipad® 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 the 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