

## Thermally conductive products

### Thermipad® TP 22606

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**Composition:** Thermipad® TP 22606 is a ceramic filled silicone film.

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**Properties:** Thermipad® TP 22606 is a soft gap-filler, which is slightly adherent but can be removed easily. Thermipad® TP 22606 is electrically insulating and offers high thermal conductivity.

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**Applications:** Thermipad® TP 22606 is used in electric components e.g. LED- and LCD-devices, semiconductors and transformers as well as applications, where a metal housing is used as a cooling element.

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**Delivery forms:** Thermipad® TP 22606 is available as a customized cut or shape and as a matt (200 x 400 mm). Other delivery forms upon customer request.

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**Storage conditions:** Thermipad® TP 22606 should be stored in the original packaging at max. 40°C.

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## Thermipad® TP 22606

Property	Testmethod	Unit	Value
Total thickness		mm	0,5 - 5,0
Colour			light-yellow
Hardness	ASTM D2240	Shore C	25
Density	ASTM D792	g/cc	2,93
Tensile strength	ASTM D412	KN/m	0,4
Elongation at break	ASTM D412	%	72
Long-term exposure	EN344	°C	-40 to 150
Breakdown voltage	ASTM D149	Kv/mm	≥ 5,0
Spec. volume resistance	ASTM D257	Ohm-cm	3,2 x 10 <sup>16</sup>
Dielectric constant	ASTM D150	1 MHz	6,3
Shrinkage 150°C 24 h		%	≥ 0,5
Flammability class	UL 94		V-0
Thermal conductivity	ASTM E1461	W/m.k	2,5

**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