

## Thermally conductive products

### Thermipad® TP 22626

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**Composition:** Thermipad® TP 22626 is a thermally conductive material made of modified silicone. The silicone is filled with boron nitride and therefore it gets its excellent thermal conductivity.

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**Properties:** Thermipad® TP 22626 is a soft gap-filler, which easily adheres, but can also be removed easily. Thermipad® TP 22626 is electrical insulating. Furthermore Thermipad® TP 22626 has a high thermal conductivity.

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**Applications:** Thermipad® TP 22626 is used in electrical components like LED- and LCD-devices, semiconductors and transformers. It can be used for all applications which require a metal coating as heat sink.

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**Delivery forms:** Thermipad® TP 22626 is delivered as cuts and forms according to customer specifications as well as mats (200 mm x 400 mm).

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**Storage requirements:** Thermipad® TP 22626 should be stored in its original packaging at max. 40°C.

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## Thermipad® TP 22626

Property	Test method	Unit	Value
Construction	-	-	Without supporter
Colour	-	-	Blue/Brown
Thickness	-	mm	0.25 – 5.0
Rigidity	ASTM D2240	Shore C	25 +-5%
Density	ASTM D792	g/cc	2.85
Tensile strength	ASTM D412	Kg/cm <sup>2</sup>	55
Working temperature	EN344	°C	-40 up to +200
Dielectric strength	ASTM D149	kV/mm	≥5.0
Weight loss, 150°C, 240 h		%	≤0,3
Dielectric constant @1 MHz	ASTM D150		7,0
Volume resistivity	ASTM D257	ohm-cm	3.1 x 10 <sup>11</sup>
Flammability	UL 94	-	V-0
Thermal conductivity	ASTM E1461	W/m.k	6.0

Thermipad TP 22626 is RoHS conform.

**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 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