

Thermally conductive products

Thermipad® TP 22625

Composition: Thermipad® TP 22625 is a thermally conductive material made of modified silicone. The silicone is filled with boron nitride, the reason for the excellent thermally conductivity of Thermipad® TP 22625.

Properties: Thermipad® TP 22625 is a soft gap-filler, which is easily adhered, but also can be removed easily. Thermipad TP 22625 is electrical insulating. Furthermore Thermipad® TP 22625 has a high thermally conductivity.

Applications: Thermipad® TP 22625 is used in electrical components, for example LED- and LCD-devices, semiconductors and transformers. It can be used for all applications which have a metal housing as heat sink.

Delivery forms: Thermipad® TP 22625 is delivered as cuts and formed parts according to customer specifications as well as mats (200 mm x 400 mm).

Storage requirements: Thermipad® TP 22625 should be stored in its original packaging at max. 40°C.

Thermipad® TP 22625

Property	Test method	Unit	Value
Construction	-	-	Without reinforcement
Colour	-	-	Blue/yellow
Thickness	-	mm	0.25 – 5.0
Rigidity	ASTM D2240	Shore C	25 +-5%
Density	ASTM D792	g/cc	2.7
Tensile strength	ASTM D412	Kg/cm ²	55
Service temperature	EN344	°C	-40 up to +200
Dielectric strength	ASTM D149	kV/mm	≥5.0
Volume resistivity	ASTM D257	ohm-cm	3.1 x 10 ¹¹
Flammability class	UL 94	-	V-0
Thermally conductivity	ASTM E1461	W/m.k	5.0

Thermipad TP 22625 is RoHS conform.

Trademark Information: Thermiflex® 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