

Thermally conductive products

Thermipad® TP 22500

Composition: Thermipad® TP 22500 is a soft-silicone foam film with good thermal conductivity.

Properties: Thermipad® TP 22500 is a elastomeric foam material with closed cell structure, which is a good heat conductor between construction parts, cooling elements and housing components. Thermipad® TP 22500 is electrically insulating and compression capable at low contact pressure. Thermipad® TP 22500 absorbs vibration and impact.

Delivery forms: Thermipad® TP 22500 can be delivered as a customized cut or matt (914 x 914 mm). Other delivery forms upon customer request.

Storage conditions: Thermipad® TP 22500 should be stored in the original packing at max. 40°C.

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Property	Test method	Unit	Value		
Total thickness		mm	1,60	3,20	6,40
Colour			green	green	green
Hardness	ASTM D2240	Shore C	13	13	13
Density	ASTM D792	g/cc	1,118	1,118	1,118
Tensile strength	ASTM D412	PSI	120	120	120
Elongation at break	ASTM D412	%	150	150	150
Long-term exposure	EN344	°C	30°C to +200°C	30°C to +200°C	30°C to +200°C
Breakdown voltage	ASTM D149	Kv/mm	≥2.5	≥2.5	≥2.5
Thermal conductivity	ASTM E1461	W/m.k	0,208	0,108	0,108

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.