

Dr. Dietrich Müller GmbH, Zeppelinring 18, D-26197 Ahlhorn

Thermally Conductive Products

Thermipad[®] TP 22500

Structure: Thermipad[®] TP 22500 is a thermally conductive soft silicone foam film with good thermal conductivity.

Characteristics: Thermipad[®] TP 22500 is an elastomeric foam with closed cell structure, a good conductor of heat between components, heat sinks and housing parts, electrically insulating, even at low contact pressure. Thermipad[®] TP 22500 also absorbs shock and vibration.

Supply Format: Thermipad[®] TP 22500 is supplied in sheets and shapes according to customer specification and in the form of mats (914mm x 914mm).

Storage Conditions: Thermipad[®] TP 22500 should be stored in its original packaging at max. 40°C.

Stand September 2014

Zeppelinring 18 | D-26197 Ahlhorn | Tel.: +49 (0) 4435 97 10 10 | Fax: +49 (0) 4435 97 10 11
info@mueller-ahlhorn.com | www.mueller-ahlhorn.com | Sitz der Gesellschaft: Ahlhorn
Geschäftsführer: Heinz-Jürgen Siebert | AG Oldenburg: HRB 209026 | Ust. ID-Nr.: DE 295969093
St.-Nr.: 68/207/07677 | Zertifiziert nach DIN EN ISO 9001:2008 | UL anerkannter Repacker E341377

Dr. Dietrich Müller GmbH

- Elektroisierstoffe
- Dichtungen
- Wärmeleitprodukte
- Technische Folien

Dr. Dietrich Müller GmbH, Zeppelinring 18, D-26197 Ahlhorn

Thermipad® TP 22500

Properties	Norm	Unit	Value	Value	Value
Gesamtdicke	-	mm	1.60 mm	3.20 mm	6.40 mm
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
Dielectric Strength	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 Ahlhorn, 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.

Stand September 2014

Zeppelinring 18 | D-26197 Ahlhorn | Tel.: +49 (0) 4435 97 10 10 | Fax: +49 (0) 4435 97 10 11
 info@mueller-ahlhorn.com | www.mueller-ahlhorn.com | Sitz der Gesellschaft: Ahlhorn
 Geschäftsführer: Heinz-Jürgen Siebert | AG Oldenburg: HRB 209026 | Ust. ID-Nr.: DE 295969093
 St.-Nr.: 68/207/07677 | Zertifiziert nach DIN EN ISO 9001:2008 | UL anerkannter Repacker E341377

Dr. Dietrich Müller GmbH

- Elektroisierstoffe
- Dichtungen
- Wärmeleitprodukte
- Technische Folien