

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

## Thermally Conductive Products

### Thermipad<sup>®</sup> TP 22605

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**Structure:** Thermipad<sup>®</sup> TP 22605 is a ceramic filled silicone sheet.

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**Characteristics:** Thermipad<sup>®</sup> TP 22605 is a soft Gap-Filler, slightly adhesive, but it can also be easily removed and it is electrically insulating.

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**Application:** Thermipad<sup>®</sup> TP 22605 is used in electrical components, such as LED/ LCD devices, semiconductors and transformers. As well as in all applications where a metal housing is used as a heat sink.

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**Form of supply:** Thermipad<sup>®</sup> TP 22605 is available in sheets and in profiles to customer specifications, as well as in the form of mats (200 mm x 400 mm)

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**Storage conditions:** Thermipad<sup>®</sup> TP 22605 should be stored in its original packaging at a maximum of 40°C.

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Status February 2015

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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

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- Elektroisierstoffe
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## Thermipad® TP 22605

Properties	Norm	Unit	Value
Thickness Range	-	mm	0.50 – 6.0
Colour	-	-	dark grey
Hardness	ASTM D2240	Shore C	25
Density	ASTM D792	g/cc	2.79
Tensile Strength	ASTM D412	KN/m	0.33
Elongation	ASTM D412	%	78
Continuous working Temperature	EN344	°C	-40 to 150
Breakdown Voltage	ASTM D149	kV/mm	≥6.0
Specific Volume Resistance	ASTM D257	ohm-cm	1.1 x 10 <sup>16</sup>
Dielectric Constant	ASTM D150	1MHz	5.75
Shrinkage	150°C 240H	-	≤0.3%
Flammability Rating	UL 94	-	V-0
Thermal Conductivity	ASTM E1461	W/m.k	2.0

**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.

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