

## Thermal conductivity products

### Thermipad<sup>®</sup> TP 22613

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**Structure:** Thermipad<sup>®</sup> TP 22613 is based on a foamed acrylic adhesive tape with excellent adhesive properties.

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**Properties:** Thermipad<sup>®</sup> TP 22613 is a double-sided thermally conductive foam adhesive tape which has soft, sticky and conformable properties.

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**Applications:** Thermipad<sup>®</sup> TP 22613 is ideal for use in LED and electronic applications.

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**Standard color:** Thermipad<sup>®</sup> TP 22613 is supplied in white.

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**Delivery forms:** Thermipad<sup>®</sup> TP 22613 is supplied in strips and cut pieces according to customer specifications.

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**Storage conditions:** Thermipad<sup>®</sup> TP 22613 should be stored in dry rooms at room temperature and in the original packaging.

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## Thermipad® TP 22613

Characteristics	method	Unit	Value
carrier	-	-	acrylic foam
Adhesive	-	-	Acrylic
Color	-	-	White
thickness	-	mm	0.25
density	-	kg/m <sup>3</sup>	1500
180° peel strength stainless steel aluminum copper	ASTM D-3330 (stainless steel, room temperature)	g/25mm	1200 800 1000
tensile strength (T-block test)	ASTM D-897 (Aluminum, room temp )	g/cm <sup>2</sup>	9000
Dynamic shear stainless steel aluminum copper	ASTM D-1002 (After 24 hours, room temperature)	g/cm <sup>2</sup>	8000 5000 5500
temperature resistance (Short term)	-	°C	+160
temperature resistance (Long term)	-	°C	+100
Low temperature resistance	-	°C	-40
UV resistance	-	-	Good
surface resistance	ASTM D-257	Ω/cm	5.0 x 10 <sup>14</sup>
volume resistance	ASTM D-257	Ω/cm	2.0 x 10 <sup>13</sup>
Dielectric breakdown	IEC-60243-1	kV	3.75
dielectric strength	IEC-60243-1	kV/mm	15
thermal conductivity	TCi	W/(mK)	1

Dr. Dietrich Müller GmbH

## Thermipad® TP 22613

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**Brand information:** Thermipad® is a registered trademark of Dr. Dietrich Müller GmbH, Germany.

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**Please note:** The information in this technical data sheet is based on our current knowledge and experience. Due to the multitude of possible influences during application, it does not exempt the processor and user from carrying out their own tests and trials. A legally binding guarantee of certain properties or suitability for a specific application cannot be derived from our information. Depending on the individual case, we recommend consulting us. The recipient of our products is responsible for observing any protective rights and existing laws.

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Dr. Dietrich Müller GmbH