

Thermally Conductive Products

Thermipad® TP 22100

Description: Thermipad® TP 22100 has high capabilities, is heat conducting and self-adhesive.

Application: Thermipad® TP 22100 can be applied for thermal sensors, high performance power diodes, engine controls, battery chargers, etc.

Delivery forms: Thermipad® TP 22100 can be supplied as matt (400 x 200 mm) or customited cut as well as die-cut part. Other delivery forms upon customer request.

Properties	Test method	Unit	Value
Colour	-	-	White/Grey
Thickness	ASTM D374	mm	0.5-10
Specific Gravity	ASTM D792	-	1.7 +/-0.1
Heat Capacity	ASTM D351	J/g-k	1.0
Rigidity	ASTM D2240	Shore	20+/-5
Service temperature	EN334	°C	-40 bis +200
Dielectric Breakdown Voltage	ASTM D149	KV	≥4
Dielectric Constant	ASTM D150	°C-in ² /W	5.5
Volume Resistivity	ASTM D257	Ω·cm	1.6*10 ¹³
Flame Rating	UL-94	-	V-0
Thermal Conductivity	ASTM D5470	W/mk	1.0
Tensile Strength	ASTM D412	Kgf/cm ²	4.79

Dr. Dietrich Müller GmbH

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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 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