

Thermally conductive products

Thermipad® TP 22700

Composition: Thermipad® TP 22700 is a flexible ceramic thermal conducting and insulating film. It is especially suitable for applications that require silicone-free materials.

Properties: Thermipad® TP 22700 exhibits very good thermal and electric properties. It's silicone-free and shows good compressibility. Thermipad® TP 22700 is a low surface-tension gap filler, that offers high elasticity and flexibility.

Colour: brown/red

Delivery forms: Thermipad® TP 22700 is available as a die-cut or molded part or as a sheet (300 x 400 mm) with a thickness of 0,5 – 5,0 mm. Other delivery forms upon customer request.

Dr. Dietrich Müller GmbH

Thermipad® TP 22700

Property	Unit	Value
Thermal resistance	KW	0,96
Thermal impedance	°Cmm²/W	351
Thermal conductivity	W/mK	1,3
Dielectric strength	kV/mm	16
Disruptive discharge voltage	kV	8
Spec. contact resistance	Ωcm	1,7 x 10 ¹⁰
Dissipation factor	1	1,3 x 10 ⁻²
Dielectric constant		4,6
Hardness	Shore A	60
Temperature range	°C	-40 to +110
Youngs Modulus	N/cm²	98
density	g/cm²	2,07

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.

Dr. Dietrich Müller GmbH