

Thermally conductive products

Thermipad® TP 22614

Composition: Thermipad® TP 22614 is a double sided acrylic foam with good thermal conductivity.

Properties: Thermipad® TP 22614 has an average hardness and can be processed easily, quickly and securely.

Applications: Thermipad® TP 22614 is especially suitable for electronic devices such as LED/PDP-modules, LED-signs, backlit televisions and CPUs in desktop- and laptop-computers.

Colour: white

Delivery forms: Thermipad® TP 22614 is available as tape, customized cut, die-cut or molded part. Other delivery forms upon customer request.

Dr. Dietrich Müller GmbH

Thermipad® TP 22614

Property	Testmethod	Unit	Value
Base material			Acrylic foam
Adhesive type			Acryl
Colour	apparent		White
Thickness		mm	1,2
Covering			Paper
Foam density	ASTM D-1000	Kg/m ³	1500
Peel strength 180°C stainless steel aluminum copper	ASM D 3330	g/25 mm	1600 800 1200
Adhesive pull strength, T-Block-test, aluminum, room temperature	ASTM D 897	g/m ²	8400
Dynamic shearing, room temperature, 24 h stainless steel aluminum copper	ASTM D 1002	g/m ²	4500 3000 3500
Temperature resistance		°C	-30 to +100
Short-term temperature resistance		°C	160
Surface resistance		Ohm x cm	$2,0 \times 10^{14}$
Contact resistance		Ohm x cm	$1,3 \times 10^{13}$
Dielectric breakdown voltage	IEC 60243-1	kV	18
Disruptive breakdown voltage	IEC 60243-1	kV/mm	15
Thermal conductivity		W/mK	0,6

Trademark information: Thermipad® is a registered trademark of the company Dr. Dietrich Müller GmbH, Germany.

Dr. Dietrich Müller GmbH

Thermipad® TP 22614

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