

Thermally conductive products

Thermiglu® TL 23010

Composition: Thermiglu® TL 23010 is a two-component, modified epoxy-resin thermally conductive adhesive.

Property: Thermiglu® TL 23010 has a very good adhesion to polycarbonate, ABS, nylon and other plastics. Furthermore it has a very good adhesion to numerous metals. Gaps of up to 5 mm can be bridged with Thermiglu® TL 23010. The product is classified according to UL 94 V-0. Thermiglu® TL 23010 can be used for example to tie cooling devices. Thermiglu® TL 23010 is applied for temperatures from -85°C to +180°C.

Standard colour: Both components of Thermiglu® TL 23010 are white.

Delivery forms: Thermiglu® TL 23010 is available in blisters, syringes, tubes, cartridges, cans and buckets. Other packages upon customer request.

Storage requirements: Thermiglu® TL 23010 is durable for 24 months at 23°C.

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Property	Test method	Unit	Value
Shearing strength	ISO 4587	N/mm ²	3 – 5
Hardness	ISO 868	Shore A	55
Tensile strength	DIN 53504	N/mm ²	1 – 2
Elongation at break	DIN 53504	%	80
Thermally conductivity	-	W/mK	2
Mixing ratio	-	-	2:1 volume ratio Bonder : Hardener
Dripping test	-	Minutes	15 – 20
Processing time	-	Minutes	120 – 240
Curing time	-	Hours	72

Trademark information: Thermiglu® is a registered trademark of the Dr. D. 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.