

DESCRIPTION

The PERMACOL 2510 A/B is a 2-component filled adhesive on epoxy basis, which is thermal conductive. This adhesive cures at relative low temperature and bonds good to different materials. After curing the adhesive is stable and obtains good resistance to moisture and heat.

Technical details	
Basis	Epoxy
Colour	Grey
Viscosity A-component	22 Pa.s (D=30/s 23°C)
Viscosity B-component	170 Pa.s (D=30/s 23°C)
Mixing ratio	100 : 100 by weight
Pot life	5-10 min at 23°C
Curing time	3 hrs at 23°C
Final strength after	24 hrs at 23°C
Density	2.11 g/cm ³
Hardness	70 shore D
Volume resistance	> 1×10 ¹⁴ Ω.cm
Thermal conductivity coefficient	> 1 W/m.K
Temperature resistance	-30°C up to 140°C

USAGE INSTRUCTIONS

Make sure the substrates are clean and free from dust, water, grease, fingerprints, oil, etc. Weigh the components according to the mixing ratio and mix until a homogeneous colour is reached, or use a double syringe and mix the components until a homogeneous colour is reached.

BENEFITS

- Thermal conductive
- Electrical insulating
- Curing at roomtemperaure
- Little shrinkage
- RoHS und REACH compatible

CLEANING

Uncured adhesive can be removed and cleaned by means of solvents as Ethanol, Acetone, Isopropanol (IPA) or MEK. Cured adhesives must be removed mechanically.

STORAGE

Store in its original packaging frost free and dry, between 10°C and 25°C. See packaging for the expiration date. Shelf life: 6 months.

SAFETY

Use protective gloves to avoid direct contact with the skin. Check the Material Safety Data Sheet for specific safety information.

PACKAGING

The PERMACOL 2510 A/B is available in different kinds of cartridges, cans and jars.

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