

PERMACOL[®] 2505

1-component heat conductive epoxy adhesive

Description

Permacol[®] 2505 is a 1-component epoxy adhesive which is used when thermal conductivity is needed. Permacol[®] 2505 may also be used as top coat. This adhesive cures fast with high temperature, is electrical isolating and shows very little shrinkage. As it is an 1-component product it dispensable automatically.

After curing this adhesive is stable and owns good resistivity against moist, chemicals and high temperatures.

Important properties

- Heat conductive
- Electrical insulating
- Curing at room temperature
- Little shrinkage

Technical data

Curing time	: 3min. at 150°C, 6min. at 125°C or 1 5min. at 100°C
Filling	: 60%
Viscosity	: 100Pa.s at 23°C
Heat conductivity coefficient	: > 1,20 W/m.K
Volume resistivity	: > 10 ^{E14} Ω.cm
Hardness	: 85° Shore D.

Handling

1. Surfaces have to be clean, dry and free of grease.
2. Bring the product out of the syringe or jar.
3. Product needs to cure with elevated temperature; see curing time

Storage

Stored in well closed packaging, dry, at 23°C, the product has a shelf life of 1 months;
Stored at 4°C shelf life is 6 months.

Packaging

EFD syringe: 10ml, 30ml; Jar: 100g, 500g, 1kg
Other packaging on request.

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