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PERMAPOX[®] 2163 A/B

Low viscous epoxy casting resin

Product description

PERMAPOX[®] 2163 A/B is a thin, not filled, 2-component epoxy casting resin which is solvent free.

PERMAPOX[®] 2163 A/B is used to cast electrical connections and components, as protective layer for print boards or as dip material. This thin casting resin is used as an injection resin also, due to its excellent adhesion to metals, wood, glass and several rigid plastics..

PERMAPOX[®] 2163 A/B cures at room temperature. Complete curing is possible at + 10°C. It is possible to colour this casting resin while properties are kept.

Important properties

- Cold curing
- Low viscosity

Technical data

Mixing ratio A : B : 100 : 50 (weight/volume)
Pot life : approx. 30min (100gr at 25°C)
Gel time : approx. 90min (at 20°C)
Curing time : approx. 24hrs (at 20°C)
Colour of mixed product: transparent, yellowish
Viscosity mixture : 400 mPa·sec at 23°C
Hardnes : 80 °Shore D

Safety & Usage

1. Before use consult the MSDS about specific safety information.
2. The mould has to be absolutely dry and free of grease and dirt.
3. Do not mix large quantities the same time, due to development of heat.
4. Weigh the material and mix in advised mixing ration.
5. Stir steady and equable until a homogenous product arises. Perhaps under vacuum to avoid air bubbles.
6. The casting resin has to be applied in between 20minutes.

Storage & Shelf life

Storable in well closed packaging cold en dry for 1 year.

Packaging

1,50kg set: tin + flask

Dual syringe 50ml (ratio 2:1)

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