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PERMACOL 5260/2 A/B

General purpose polyurethane casting resin

This casting resin consists of an A-component (polyol) and a B-component (isocyanate). PERMACOL 5260 A/B is supplied in a 100:30 mixing ratio.

After mixing, PERMACOL 5260 A/B can be used as a general purpose polyurethane resin for potting electrical and mechanical components, e.g. coils, transformers, relays. This system is only slightly sensitive to humidity and does not show any air bubbles after mixing. Therefore, the product is easy to apply.

It is recommended to stir both components before use, without any possible air-inclusion.

Technical data:

Colour A component	: grey
Colour B component	: dark brown
Colour of mixture	: beige
Mixing ratio	: A : B = 100 : 30
Pot life	: 30-40 min/20°C
Gel time	: 1-2 hrs/20°C
Curing time	: 24 hrs/20°C
Viscosity (mixture)	: 2.500 mPa.sec/20°C
Hardness	: 55° Shore D
Specific gravity	: 1,25 g/cm ³
Volume resistivity	: 1 x 10 ¹⁴ Ω.cm
Dielectric breakdown voltage	: 20 KV/mm
Dielectric constant	: 5,0 at 50 Hz
Max. operating temperature	: 100°C
Thermal conductivity	: 0.4 W/m.K.

PERMACOL 5260/2 A/B may be applied through dosing equipment. No shrinkage or expansion will occur whilst curing.

Storage stability:

Both resin and hardener have a 6-months shelf life, at room temperature (20°C) in dry space. If package is opened frequently, shelf life will be 3 months.

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