

DESCRIPTION

The PERMACOL RTV 615 A/B is a silicone casting resin, which can be used for casting electrical switches and components.

This casting resin cures at room temperature, so full cure takes place at 20°C.

This product is suitable for different colours. The standard is crystal clear and can also be made in white and red.

Technical details	
Mixing ratio	A : B = 100 : 10 (weight)
Viscosity A-component	4.300 mPa.s (D=30/s 23°C)
Viscosity B-component	800 mPa.s (D=30/s 23°C)
Application temperature	+15°C
Pot life	4 hrs at 25°C
Curing time	6-7 days at 25°C
	4 hrs at 65°C
	1 hrs at 100°C
	45 min at 125°C
	15 min at 150°C
Colour mixture	Crystal clear
	White
	Red
Hardness	44 shore A
Temperature resistance	-60°C up to +204°C
Density A-component	1.02 g/cm ³
Density B-component	0.99 g/cm ³
Elongation at break	160%
Volume resistance	3.2×10 ¹⁵ Ω/cm
Thermal conductivity	0.19 W/m.K

BENEFITS

- Crystal clear
- Multiple colours possible
- Solvent free
- Very low shrinkage
- Following FDA regulation 21CFR 177.2600: Rubber articles intended for repeated use

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.

During the mixing and pouring of the resin, bubbles may enter the product. These can be removed by mixing under reduced pressure or with a heat gun after pouring. Make sure that the heat gun is only used on the bubbles, not to heat the product.

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. See packaging for the expiration date. See packaging for 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 RTV 615 series are available in different kinds of cartridges.

Legal Disclaimer

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