

Technical data sheet

PERMACOL 5269



DESCRIPTION

The PERMACOL 5269 is a CMR-free two component polyurethane casting resin. This product cures fast at room temperature and has a low viscosity. The 1 to 1 mixing ratio by volume makes it fit for easy to use dual syringes.

Fit for gas and watertight sealing of compact (indoor and outdoor) riser fiber optic cables.

Technical details	
Mixing ratio	A : B = 1 : 1 (volume) A : B = 85 : 100 (weight)
Viscosity A-component	1.600 mPa.s at 23°C
Viscosity B-component	1.000 mPa.s at 23°C
Density A-component	0,97 g/ml
Density B-component	1,15 g/ml
Viscosity mixture	1.300 mPa.s at 23°C
Density mixture	1,06 g/ml
Pot life	5 min at 23°C for 10 ml
Gel time	10 min at 23°C for 10 ml
Hardness	60 Shore A after 2 hours 70 Shore A after 24 hours 95 Shore A after 1 week 55 Shore D after 2 weeks
Temperature resistance	-50°C up to +150°C (peak)
Thermal conductivity	0,3 W/m.K

USAGE INSTRUCTIONS

Make sure the substrates are clean and free from dust, water, grease, fingerprints, oil, etc. Remove the cap from the syringe. Connect the mixer. Dispense and discard the first mL of adhesive. Apply the resin.

The processing and curing time will decrease and the exotherm will increase with larger quantities and higher temperatures. Initial cure of this product is

BENEFITS

- CMR-free
- Easy to use in dual syringes
- Fast curing at room temperature
- RoHS compliant

fast. It reaches its final properties after two weeks at room temperature.

CLEANING

Uncured resin can be removed and cleaned using Isopropanol (IPA). Cured resin must be removed mechanically.

STORAGE

Store in its original packaging frost free and dry, between 5°C and 25°C. See packaging for the expiration date. Shelf life: 12 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 5269 is available in different syringes. From 25ml to 400 ml

Legal Disclaimer

The products of Permacol (the "Supplier"), are sold subject to the supplier's standard conditions of sale, which are included in applicable sales agreements, printed on the back side of invoices, or available upon request. Although the information, recommendations or advice contained herein is given in good faith, supplier makes no warranty or guarantee, express or implied, (I) that the results described herein will be obtained under end-use conditions, or (II) as to the effectiveness or safety of any design incorporating supplier's products, recommendations or advice. Nothing in this or any other document shall alter, vary, supersede or operate as a waiver of any of the supplier's standard conditions of sale.

Each user bears the full responsibility for making its own determination as to the suitability of Supplier's products, recommendations or advice for its own particular purpose. Each user must identify and perform tests and analyses sufficient to assure it that its finished parts will be safe and suitable for use under end-use conditions. Because actual use of products by the user is beyond the control of Supplier, such use is within the exclusive responsibility of the user, and Supplier cannot be held responsible for any loss incurred through incorrect or faulty use of the products. Further, no statement contained herein concerning a possible or suggested use of any product is intended or should be construed to grant any license under any patent or other intellectual property right of Supplier, or as a recommendation for the use of such material in the infringement of any patent or other intellectual property right.