

DESCRIPTION

The PERMACOL 2855 A/B is a 2-component graphite filled electrical conductive adhesive on epoxy basis. This adhesive cures at relative low temperature and bonds good to different materials. After curing the adhesive is stable and obtains good resistance to moisture and heat. One of the applications for the PERMACOL 2855 is the diversion of static electricity.

Technical details	
Basis	Epoxy
Colour	Black
Viscosity A-component	90 Pa.s (D=30/s 23°C)
Viscosity B-component	70 Pa.s (D=30/s 23°C)
Mixing ratio	100 : 100 by weight
Volume resistance	± 4.0 Ω.cm (cured at 100°C)
Particle size	<50 µm
Hardness	70 shore D
Pot life	1-2 hrs at 25°C
Curing time	30 min at 100°C
	60 min at 80°C
	8 hrs at 70°C
	14 hrs at 50°C
	48 hrs at 20°C

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, or use a double syringe and mix the components until a homogeneous colour is reached. Curing at temperatures below 70°C will result in a higher volume resistivity. To obtain better electric conductivity, it might be beneficial to cure at an elevated temperature after room temperature curing.

BENEFITS

- Conductive
- Moisture resistant
- Static electrical diversion
- Long pot life
- Fast curing at elevated temperatures
- RoHS und REACH compatible

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. 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 2855 A/B is available in different kinds of cartridges and jars.

Legal Disclaimer

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