

Thermally Conductive 1-Part Adhesive for High Temperature Application

EPOXONIC® 276 is a 1-part adhesive based on epoxy resin with high heat conductivity. It features a long pot life and high strength and toughness.

Technical Data

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|---|--------------------------------|-----------------|
| • Color | beige | |
| • Consistency | paste | |
| • Viscosity (25°C)
cone/plate viscometer | 90 ± 20 Pas | |
| • Glass transition temperature | 120 ± 5°C | |
| • Density (25°C) | approx. 2.3 gm/cm ³ | |
| • Shear strength at room temperature | 60 N/mm ² | (Twist-o-Meter) |
| • Shear strength at 80°C | 40 N/mm ² | (Twist-o-Meter) |
| • Thermal conductivity | approx. 1 W / mK | |

Handling

- | | |
|-------------------------|-----------------|
| • Pot life (25°C) | approx. 1 week |
| • Method of application | Dispenser |
| • Cure schedule | e.g. 3hrs 120°C |

Storage

EPOXONIC® 276 should be stored at $\leq 8^{\circ}\text{C}$ in original sealed containers. The shelf life under these conditions is at least 6 months.

Caution

As with all epoxy materials, this product may cause skin irritation. Recommended industrial hygiene procedures should always be followed when handling **EPOXONIC® 276**. Please refer to Material Safety Data Sheet for details.

Quality Certificate

Upon agreement, **EPOXONIC® 276** can be supplied with a Quality Certificate.

Disclaimer:

All information herein is based on the present state of knowledge and believed to be reliable. Any suggestions or recommendations are made without liability on our part since we shall have no control over the use of our product. Buyers and users should make their own assessment of this product under their own conditions and for their own requirements.