

Flame retardant Flexible Potting Compound

EPOXONIC® 284 is a flame retardant, medium flexible potting compound for different applications based on epoxy resin.

Properties

• Colour	beige	
• Shore hardness at RT	D 45	
• Density at 21°C (cured material)	approx. 1.7 gms/cm ³	
• Glass transition temperature (TMA)	approx. -25°C	
• Coefficient of thermal expansion, $\alpha_{(50 - 130^\circ\text{C})}$	120 x 10 ⁻⁶ /K	TMA (50 – 130 °C)
• Thermal conductivity	~ 1.0 W/mK	
• Flame-resistance	UL94 V0	(not listed)

Processing

• Mix ratio (Part A : Part B)		100 : 130 parts by weight
• Viscosity at 25 °C	Part A Part B Mixture A + B	30 Pas 50 Pas 40 Pas
• Viscosity at 60 °C	Mixture A + B	7 Pas
• Pot life	at 23°C at 60°C	> 20 hours 1 hour
• Method of application		e.g. dispenser
• Recommended cure schedule		2 hours at 120°C or 8 hours at 100°C

Packaging

EPOXONIC® 284 Parts A and Part B are delivered in metal cans. Other packaging options are available upon request.

Storage

The shelf life of **EPOXONIC® 284** Part A and part B is 6 months at room temperature when stored in tightly closed, original containers. Part A and B have to be stirred very well before use.

Quality Assurance

If required **EPOXONIC® 284** will be supplied with a Certificate of Analysis.

Health and Safety

As with all epoxy materials, this product may cause skin irritation. Recommended industrial hygiene procedures should always be followed when handling this product. Avoid skin contact. If contact does occur wash area immediately with soap and water. Please refer to Material Safety Data Sheet for details.

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.