

Flexible Thermally Conductive Potting Compound

EPOXONIC® 260 is a filled, solvent-free one-component potting compound based on epoxy resin. It can be used for various applications, but as a result of its flexibility, it is especially applicable for the potting of pressure sensitive components.

EPOXONIC® 260 is thermally conductive and can, therefore, be used in applications which require the removal of heat from temperature sensitive components. The production of heat conducting films is also possible.

Main Characteristics

- long pot life
- low-stress potting
- high flexibility
- thermal conductivity
- good properties at low temperatures

Properties

- | | |
|-------------------------------------|-------------------------|
| • Colour | white |
| • Shore hardness at RT | A 35- 45 |
| • Density at 21°C | 2.1 gms/cm ³ |
| • Glass transition temperature (Tg) | approx. -30°C |
| • Thermal conductivity | approx. 1,3 W/mK |

Processing

- Mix ratio (Part A : Part B) 100 : 100 parts by weight
- Viscosity (cone/plate viscometer) at 25°C: part A: 65 Pas
part B: 650 Pas
- Viscosity of mixture A + B
at 25°C 225 Pas
at 60°C 20 Pas
- Method of application dispenser
- Pot life at 23°C
(time for viscosity to double) > 20 hours
- Recommended cure schedule * e.g. 4 hours at 120°C or
1 hour at 150°C

* Curing conditions have to be optimized for each application

Packaging

EPOXONIC® 260 Part A and Part B are delivered in metal cans. Other packaging options are available upon request.

Quality Assurance

If required, **EPOXONIC® 260** will be supplied with a Certificate of Analysis.

Storage

EPOXONIC® 260 should be stored at room temperature in the original sealed containers. The shelf life of Part A ≤ 16 °C and part B is 6 months.

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.