

EPOXONIC® 363



Low viscous potting resin with moderate curing temperature

EPOXONIC® 363 is a solvent-free, 2-part potting compound based on epoxy resin, with moderate curing temperature.

Main characteristics:

Good flow behaviour
Low viscosity
Moderate curing temperature
Avoiding capillary effects

Application:

EPOXONIC® 363 is especially suited for potting of closely spaced components without a capillary effect.

Properties:

Specific values measured by standard test specimen at 23°C, cured 2 h / 60 °C + 2 h / 100 °C.

Colour	White to slightly yellow	
Shore hardness	85 Shore D	DIN EN ISO 868
Density	1,1 g/cm ³	DIN EN ISO 1183-1
Coefficient of linear thermal expansion CTE	70 x 10 ⁻⁶ /K (40 – 60 °C) 200 x 10 ⁻⁶ /K (100 – 200 °C)	ISO 11359-2
Glass transition temperature	70 – 80 °C	DIN EN ISO 11357-2

1) Depending on the application, other temperature limits may be reasonable

Processing:

Mix ratio		Part A : Part B = 100 : 37 parts by weight
Density	23 °C	1.1 g/cm ³ (Part A)
	23 °C	1.0 g/cm ³ (Part B)
	23 °C	1.1 g/cm ³ (Mixture A + B)
Viscosity Cone/plate viscometer	25 °C	1,500 – 2,500 mPas (Part A)
	25 °C	20 – 50 mPas (Part B)
	25 °C	200 – 400 mPas (Mixture A + B)
Pot life	25 °C	approx. 0.5 h (time to double viscosity)
Method of application		e.q. dispenser
Cure schedule		e.q. 2 h / 60 °C + 2 h / 100 °C Optimum cure schedules have to be determined by specific application.

Storage:

The shelf life of EPOXONIC® 363 Part A and Part B is 12 months at temperatures < 25 °C when stored in tightly closed, original containers. Partly emptied containers should be tightly closed immediately after use.

Packaging:

EPOXONIC® 363 Part A is delivered in tin buckets and EPOXONIC® 363 Part B in plastic cans. Other packaging options are available upon request.

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.

Health and Safety:

Recommended industrial hygienic procedures should always be followed when handling this product. Please refer to the corresponding Material Safety Data Sheet for details.

Quality Assurance:

If required EPOXONIC® 363 will be supplied with a Certificate of Analysis.