EPOXONIC
we love epoxies

EPOXONIC® 372

UV-curable adhesive for Microelectronics and Optoelectronics/Optics

EPOXONIC® 372 is a solvent-free 1-part-adhesive based on epoxy resin.

Main characteristics:

- UV curing
- Low viscosity
- Impact resistance
- Transparency

Application:

EPOXONIC® 372 is especially suited for quick fixation and bonding of devices and joining of various substrates like metals, plastics and glass.

Properties:

Specific values measured by standard test specimen at 23 °C; cured 60 sec / 60 mW/cm^2 (UVA-light, λ ≈ 300 – 400 nm; bond line thickness < 1mm).

Operating temperature [1)]	-40 °C to +150 °C	
Colour	Colourless to yellowish	
Shore hardness	60 Shore D	DIN EN ISO 868
Density	1,1 g/cm^3	DIN EN ISO 1183-1
Refractive index	1.5	EPOXONIC PV 7
Shear Strength Aluminium	43 MPa	

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

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Processing:

Viscosity cone/plate viscometer 25 °C	2000 mPas
Method of application	e.g. dispenser
Cure schedule UV cure	e.g. 60 mW/cm^2 / 4 x 60 sec (UVA-light, λ ≈ 300 – 400 nm) Optimum cure schedules have to be determined by the specific application.

Storage:

The shelf life of EPOXONIC® 372 is, in the absence of light, 6 months at ≤ 25 °C when stored in tightly closed, original containers.

Health and Safety:

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

Packaging:

EPOXONIC® 372 is delivered in 30 ml UV tight cartridges containing 30 g material.
Other packaging options are available upon request.

Quality Assurance:

If required EPOXONIC® 372 will be supplied with a Certificate of Analysis.

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.