

Technical Data:

Issued: October 2022
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EP 501/EPC 501

Low Viscosity Epoxy Compound for general use

Product Description EP 501/EPC 501 is a low viscosity, unfilled, RT curing epoxy compound for general- purpose casting, potting and encapsulating.

- Features & Benefits**
- low viscosity
 - RT cured
 - suitable for manual and automatic mixing
 - high penetration

Applications Electrical and electronic potting and encapsulation

Typical Uncured Properties

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Epoxy Hardener	EP 501 EPC 501	epoxy amido amine hardener
Appearance/Color	A B	clear amber
Viscosity @ 25°C, mPa*s per ASTM-D-2393	A B	11000-15000 400-700
Density, @ 25°C g/cm³	A B	1.16 0.99
Mix Ratio A:B, (w/w)		100:36
Gel-time, 100g @ 25°C, min		20-40

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Final Curing @ 25°C, hours	24-36
Hardness, ASTM-D-2240, Shore D	75-90

Storage and Handling

The shelf life of the EP 501 is 12 months at 20-35°C.
For the best results, store in tightly closed original containers.
Certain resins and hardeners are susceptible to crystallization. If crystallization occurs, warm the container to 50-60°C until the crystals have dissolved.
Stir and allow content to cool to room temperature before use.

Packaging

Packaging sizes are available from 1L up to 18L pails.

Limitation of Liability

Except where prohibited by law, Polymer-G and seller will not be liable for any loss or damage arising from the Polymer-G product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.