

Resin EP 501

FEATURES

- Low viscosity
- Mechanical properties, heat stability

COMPOSITION

- Bisphenol-A epoxy resin modified with bifunctional reactive diluent



Liquid epoxy resin derived from bisphenol-A/epichlorohydrin, modified with bifunctional reactive diluent. High temperature resistance, low viscosity and good mechanical properties.

APPLICATIONS

- Synthetic fibers impregnation, casting and RTM systems, adhesives.

TYPICAL PROPERTIES

Specifications writers: These values are not intended for use in preparing specifications. Please contact your local sales representative prior to writing specifications on this product.

Property	Unit	Value
Aspect	visual	Liquid
Colour	visual	Straw
Density at 23°C	g/cm ³	1.14
Viscosity at 23°C	mPa.s	1750
Epoxy equivalent (EEW)		182.7

HANDLING PRECAUTIONS

The information for a correct and safe handling of the products are contained in the safety data sheet. Consult the safety data sheets before use for complete information on the risks for health and environment and for suitable protective devices to be adopted. Share the safety data sheets with all the staff involved in the use of the products.

Warning! Epoxy resins and amines can generate a highly exothermic, uncontrolled reaction, with decomposition above 250°C. Weight limited quantities of material and proceed with application.

PACKAGING

The product is supplied in 20kg and 200kg containers.

USABLE LIFE - STORAGE

Store in the original, unopened containers at a temperature between +15°C and +35°C. Be sure to close

containers after use. Epoxies have a tendency to crystallize at low temperatures. In the presence of partial or total crystallization, heat in the oven at 40-60°C until complete melting. This material, when stored under the specified conditions, has a shelf life of 24 months from the date of manufacture.

LIMITATIONS

This product is neither tested nor represented as suitable for food contact, skin contact or medical uses.

LIMITED WARRANTY

The information contained in this document is offered in good faith based on Chemix research and is believed to be accurate. However, as the conditions and methods of use of our products are beyond our control, this information should not be used as a substitute for the tests that customers must first perform to ensure that Chemix products are fully satisfactory for their specific applications. The warranty is only applicable to the

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