

Resin EP 850

FEATURES

- Unmodified
- Chemical resistance, low crystallization tendency.

Blend of liquid bisphenol-A and bisphenol-F epoxy resins unmodified. Low viscosity, chemical resistance and low crystallization tendency.

APPLICATIONS

- Fiber-reinforced composite materials, formulated by casting and molding, adhesives, electrical encapsulations, coatings, flooring and grouts..

COMPOSITION

- Bisphenol-A/Bisphenol-F epoxy resin blend



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	Viscous liquid
Colour	visual	Straw
Density at 23°C	g/cm ³	1.14
Viscosity at 23°C	mPa.s	6000
Epoxy equivalent (EEW)		180
Flash point	°C	>250
Boiling point	°C	>250

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 25, 200 and 1000 liters 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 values indicated in the Product Sales Specifications. The sole and exclusive compensation for products with values that are out of specification is limited to the replacement of the product or the refund of the purchase price.

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