

## D.E.R.™ 332

Please use this Technical Data Sheet (TDS) in conjunction with this product's country-specific Safety Data Sheet (SDS) and the Safe Use conditions as described therein. Current Safety Data Sheets can be requested from Olin at [info@olinbc.com](mailto:info@olinbc.com)

**Description** D.E.R.™ 332 Epoxy Resin is a high purity bisphenol A diglycidylether.

The uniqueness of D.E.R. 332 Liquid Epoxy Resin is reflected in its maximum epoxy equivalent weight of 176 grams/equivalent (the chemically pure diglycidylether of bisphenol A has an epoxy equivalent weight of 170 g/eq). Because of its high purity and low polymer fractions content, D.E.R. 332 Epoxy Resin assures uniform performance and exceptionally low viscosity, low chloride content and light color. Under some cure conditions this epoxy resin provides improved elevated temperature properties over standard bisphenol A based epoxy resins such as D.E.R.™ 331™ Epoxy Resin for example.

D.E.R. 332 Epoxy Resin is used mainly in filament winding, electrical laminates and encapsulation applications. A wide variety of curing agents is available to cure this liquid epoxy resin at ambient conditions. Most frequently used curing agents are cycloaliphatic polyamines, polyamides, amidoamines, and modified versions of these. Curing may also be done at an elevated temperature to improve selected properties such as chemical resistance and glass transition temperature. Elevated temperature cures are necessary and long post-cures are required to develop full end properties if anhydride or catalytic curing agents are employed.

- Applications**
- Adhesives
  - Castings / Potting / Encapsulation / Tooling
  - Composites
  - Industrial Coatings: Photocure

Properties	Nominal Value (English)	Nominal Value (SI)	Test Method
EEW	171 to 175 g/eq	171 to 175 g/eq	ASTM D1652
Viscosity, absolute (77°F (25°C))	4000 to 6000 mPa·s	4000 to 6000 mPa·s	ASTM D445
Colour (Max. Pt-Co.)	75	75	ASTM D1209
Density (77°F (25°C))	1.16 g/cm <sup>3</sup>	1.16 g/cm <sup>3</sup>	ASTM D4052
Hydrolyzable Chloride	< 300 ppm	< 300 ppm	ASTM D1726

### Notes

These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

<sup>1</sup> Typical properties: these are not to be construed as specifications.

## Product Stewardship

Olin Corporation has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis of our Product Stewardship philosophy by which we assess the health and environmental information on our products and then take the appropriate steps to protect employee and public health and the environment.

Olin encourages its customers and potential users of Olin products to review their applications for such products from the standpoint of human health and environmental quality. To help ensure that Olin products are not used in ways for which they were not intended or tested, Olin personnel are available to assist customers in dealing with ecological and product safety considerations. Your Olin sales representative can arrange for the proper contacts.

## Regulatory Datasheets (RDS)

Olin Corporation provides information on the regulatory status of its products under prominent regulatory programs in the Regulatory Datasheet (RDS). Regulatory Datasheets can be requested from Olin at [info@olinbc.com](mailto:info@olinbc.com)

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