

D.E.R.™ 326

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

Description D.E.R.™ 326 Liquid Epoxy Resin is a mono-functional reactive diluent modified liquid epoxy resin that has excellent resistance to crystallization.

D.E.R. 326 Epoxy Resin is a C12-C14 aliphatic glycidylether modified bisphenol A based liquid epoxy resin. D.E.R. 326 Epoxy Resin has a very low viscosity. D.E.R. 326 was designed to have excellent resistance to crystallization.

D.E.R. 326 Liquid Epoxy Resin offers a lower surface tension (~ 15%) than other reactive diluent modified liquid epoxy resins. The lower surface tension results in excellent surface wetting, adhesion and lower viscosity at given filler loading. The extreme low viscosity in combination with the significantly reduced surface tensions can translate into cost savings of the formulated system as more filler can be used to reach the same viscosity.

The aliphatic chain reactive diluent increases pot life as well as flexibility (impact resistance). Although the reactive diluent limits the solvent resistance somewhat, acid resistance is improved.

A wide variety of curing agents is available to cure this liquid epoxy resin at ambient conditions. Most frequently used are cycloaliphatic polyamines, polyamides, amidoamines, and modified versions of these. Such systems are sometimes cured at elevated temperatures to improve selected properties such as chemical resistance and glass transition temperature. If anhydride or catalytic curing agents are employed, elevated temperature and long-post cures are required to develop full end properties.

- Applications**
- Adhesives
 - Building & Civil Engineering
 - Castings / Potting / Encapsulation / Tooling
 - Composites
 - Industrial Coatings: Marine and Protective

Properties	Nominal Value	Unit	Test Method
EEW	204 to 210	g/eq	ASTM D1652
Viscosity, absolute (77°F)	600 to 900	mPa·s	ASTM D445
Density (77°F)	1.10	g/cm ³	ASTM D4052

Notes

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

¹ Typical properties: these are not to be construed as specifications.

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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

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