

## D.E.R.™ 542

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.™ 542 Epoxy Resin is a solid epoxy resin of the tetrabromobisphenol-A epichlorohydrin type.

D.E.R. 542 Epoxy Resin is a solid, brominated epoxy resin designed for use where maximum bromine is needed to offset large ratios of hardener or non-brominated resin. The improved purity of D.E.R. 542 Brominated Epoxy Resin makes it especially suitable for electronic related applications where maximum performance and reliability are desired.

**Applications** • Electrical Laminates

Properties	Nominal Value (English)	Nominal Value (SI)	Test Method
EEW	305 to 355 g/eq	305 to 355 g/eq	ASTM D1652
Bromine Content	46.0 to 51.0 %	46.0 to 51.0 %	
Colour (Max. Gardner)	12	12	ASTM D1544
Hydrolyzable Chloride	< 500 ppm	< 500 ppm	ASTM D1726
Softening Point	126 to 144 °F	52 to 62 °C	ASTM D3104
Solids Content	> 99 %	> 99 %	

### 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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