

D.E.R.™ 661

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. 661 Solid Epoxy Resin is a standard, low molecular weight, solid epoxy resin designed for use in applications where cure must be achieved at room temperature. D.E.R. 661 Solid Epoxy Resin can be formulated in solution to yield an excellent base for the formulation of high quality chemical resistant coatings, when cured with polyamine or polyamide curing agents. D.E.R. 661 Solid Epoxy Resin is also widely used for glass sizing applications.

D.E.R. 661 Solid Epoxy Resin offers, as standard, a narrower sales specification and additional specified items in comparison with D.E.R. 671 Solid Epoxy Resin. D.E.R. 661 Epoxy Resin is available in various solutions, e.g. under the designation D.E.R. 671-X75 Epoxy Resin Solution, a solution in xylene (75 wt%). The change in designation from D.E.R. 661 Epoxy Resin to D.E.R. 671 Epoxy Resin in this designation reflects the slight difference in epoxy equivalent range in the solution form. D.E.R. 661 Solid Epoxy Resin can also be used as a complimentary epoxy resin in non-epoxy coating systems to improve resistance properties.

Applications

- Industrial Coatings: Automotive
- Industrial Coatings: Can & Coil
- Industrial Coatings: Marine and Protective

Properties	Nominal Value (English)	Nominal Value (SI)	Test Method
EEW	500 to 560 g/eq	500 to 560 g/eq	ASTM D1652
Viscosity, kinematic (302°F (150°C))	400 to 800 cSt	400 to 800 cSt	ASTM D4287
Colour (Max. Pt-Co.)	100	100	ASTM D1209
Softening Point	167 to 185 °F	75 to 85 °C	ASTM D3104

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.

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

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