

D.E.R.™ 671

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. 671 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.671 Solid Epoxy Resin is available in flake form and generally provides the best overall balance of properties for polyamide- and polyamine-cured coatings. In addition,D.E.R. 671 Solid Epoxy Resin can also be used in powder coatings where it provides excellent flow in standard as well as in low temperature curing systems. It can be used in both epoxy and epoxy/polyester powder coatings.

D.E.R. 671 Epoxy Resin is also available in various solutions, e.g. D.E.R. 671-X75 Epoxy Resin Solution in xylene (75 wt% resin). D.E.R. 671-X75 Epoxy Resin Solution, when formulated with polyamine or polyamide hardeners, forms an excellent base for many high quality chemical resistant coatings. These two-pack coating systems have applications where cure must be achieved at ambient temperature, and films must withstand exposure to corrosive atmospheres containing a variety of chemical reagents, solvents or salt water. The outstanding resistance properties, hardness, excellent adhesion to almost any substrate and flexibility are utilized in a wide variety of finishes, including marine coatings, tank-linings and industrial maintenance coatings. D.E.R. 671 Solid Epoxy Resin can also be used as complimentary resin in non-epoxy coating systems to improve resistance properties.

Applications

- Building & Civil Engineering
- Industrial Coatings: Can & Coil
- Industrial Coatings: Marine and Protective
- Industrial Coatings: Powder

Properties	Nominal Value (English)	Nominal Value (SI)	Test Method
EEW	475 to 550 g/eq	475 to 550 g/eq	ASTM D1652
Viscosity, absolute (302°F (150°C))	400 to 950 mPa·s	400 to 950 mPa·s	ASTM D4287
Viscosity, kinematic (77°F (25°C))	160 to 250 cSt	160 to 250 cSt	ASTM D445
Colour (Max. Pt-Co.)	90	90	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

Disclaimer

Notice: No freedom from any patent or other intellectual property rights owned by Olin or others is to be inferred. Olin assumes no obligation or liability for the information in this document. The information provided herein is presented in good faith and is based on the best of Olin's knowledge, information, and belief. Since use conditions at non-Olin facilities are beyond Olin's control and government requirements may differ from one location to another and may change with time, it is solely the Buyer's responsibility to determine whether Olin's products are appropriate for the Buyer's use, and to assure the Buyer's workplace, use, and disposal practices are in compliance with applicable government requirements. Consequently, Olin assumes no obligation or liability for use of these materials and makes no warranty, express or implied. The user of the information provided is solely responsible for compliance with any applicable government requirements. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.

Contact Information

USA:	1-844-238-3445	Canada:	1-877-304-4442
China:	86-4008859485	France:	33-176361145
Germany:	49-41417693000	Hong Kong:	852-58081886
Italy:	39-0694805761	Japan:	81-345406770
Latin America:	55-1151884105	Russia:	7-4996092327
Singapore:	65-31632006	South Korea:	82-260221296
United Kingdom:	44-8000869047		

www.OlinEpoxy.com

