

DLVE 52

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 DLVE™ 52 Epoxy Resin is a low viscosity epoxy resin that facilitates high solids coating formulations with low volatile organic compound (VOC) emissions, while minimizing compromises in performance. DLVE 52 be cured using multiple types of curing agents.

Benefits

- Significantly lower viscosity than standard liquid epoxy resin (bisphenol-A diglycidyl ether)
- Coating performance similar to traditional lower solids, solvent-borne epoxy systems, while enabling higher solids and lower VOC systems
- Improved performance vs. diluent-modified epoxy systems, including improved corrosion resistance, increased coating hardness and fast drying
- Facilitates increased filler loading and higher pigment volume concentration (PVC)
- Increased ease of application vs. traditional high solids coating formulations based on standard epoxy resins
- Lower VOC facilitates improved health and safety
- Can be formulated as high solid paints with volume solids content greater than 85% and strong anti-corrosion performance

Applications

- Building & Civil Engineering
- Building & Civil Engineering: Crack Injection
- Building & Civil Engineering: Primers & Impregnation
- Building & Civil Engineering: Roller Coating Flooring
- Building & Civil Engineering: Self-leveling Flooring
- Castings / Potting / Encapsulation / Tooling
- Industrial Coatings: Marine and Protective

Properties	Nominal Value (English)	Nominal Value (SI)	Test Method
EEW	165 to 180 g/eq	165 to 180 g/eq	ASTM D1652
Viscosity, absolute (77°F (25°C))	350 to 550 mPa·s	350 to 550 mPa·s	ASTM D445
Density (77°F (25°C))	1.11 g/cm ³	1.11 g/cm ³	ASTM D1475
Hydrolyzable Chloride	600 ppm	600 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.

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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