

## D.E.H.™ 1501

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.H.™ 1501 Epoxy Curing Agent is a formulated polyaminoamide based curing agent for epoxy resins. The product contains no VOC according to the European Directive 2004/42/EC and no alkyl phenol.

**Benefits** D.E.H.™ 1501 is suitable for formulation of VOC according to the European Directive 2004/42/EC and no alkyl phenol.

**Applications** • Building & Civil Engineering: Mortars & Grouts

Properties	Nominal Value (English)	Nominal Value (SI)	Test Method
AHEW	63 g/eq	63 g/eq	
Viscosity, absolute (77°F (25°C), C/P 50 mm)	70.0 to 170 mPa·s	70.0 to 170 mPa·s	ISO 3219
Colour (Max. Gardner)	11	11	ASTM D1544
Density (77°F (25°C))	0.95 g/cm <sup>3</sup>	0.95 g/cm <sup>3</sup>	ASTM D4052
Amine Value	575 to 675 mg KOH/g	575 to 675 mg KOH/g	ISO 9702
Pot Life <sup>2</sup> (73°F (23°C), 100 g)	70 min	70 min	GELNORM Geltimer-TC
Shore D Hardness <sup>3</sup>			DIN 53505
55°F (13°C), 80% RH, 1.0 day	15	15	
55°F (13°C), 80% RH, 2.0 day	63	63	
55°F (13°C), 80% RH, 7.0 day	74	74	
73°F (23°C), 50% RH, 1.0 day	65	65	
73°F (23°C), 50% RH, 2.0 day	72	72	
73°F (23°C), 50% RH, 7.0 day	70	70	
Compressive Strength <sup>3</sup>			ISO 604
14.0 day, 73°F (23°C), 50% RH	232 psi	1.60 MPa	
Flexural Strength <sup>3</sup>			ISO 178
8.0 day, 73°F (23°C), 50% RH + 3 hrs @ 80°C	13800 psi	95.2 MPa	
Tensile Strength <sup>3</sup>			ISO 527-2
14.0 day, 73°F (23°C), 50% RH	6180 psi	42.6 MPa	
Elongation at Break <sup>3</sup>			ISO 527-2
14.0 day, 73°F (23°C), 50% RH	4.7 %	4.7 %	

### 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.

<sup>2</sup> Reference Resin: D.E.R.™ 331

<sup>3</sup> Reference Resin: D.E.R.™ 3531

## 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)

## 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

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

[www.OlinEpoxy.com](http://www.OlinEpoxy.com)

