

D.E.H.™ 615

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.H.™ 615 Epoxy Curing Agent is a low viscosity, solvent-free, Mannich base curing agent for epoxy resins. It contains no benzyl alcohol.

Benefits D.E.H.™ 615 is suitable for curing above 0 °C. It is manufactured in a non-solvent process. It has high water resistance and can increase reactivity at low temperatures and accelerates adducts.

Applications

- Adhesives
- Building & Civil Engineering: Primers & Impregnation
- Building & Civil Engineering: Roller Coating Flooring
- Building & Civil Engineering: Self-leveling Flooring
- Industrial Coatings: Marine and Protective

Properties	Nominal Value (English)	Nominal Value (SI)	Test Method
AHEW	75 g/eq	75 g/eq	
Viscosity, absolute (77°F (25°C))	400 to 600 mPa·s	400 to 600 mPa·s	ISO 3219
Colour (Max. Gardner)	5	5	ASTM D1544
Density (77°F (25°C))	1.01 g/cm ³	1.01 g/cm ³	ASTM D4052
Amine Value	350 to 400 mg KOH/g	350 to 400 mg KOH/g	ISO 9702
Pot Life ² (73°F (23°C), 100 g)	15 min	15 min	GELNORM Geltimer-TC
Shore D Hardness ³			DIN 53505
55°F (13°C), 80% RH, 1.0 day	73	73	
55°F (13°C), 80% RH, 2.0 day	74	74	
55°F (13°C), 80% RH, 7.0 day	78	78	
73°F (23°C), 50% RH, 1.0 day	77	77	
73°F (23°C), 50% RH, 2.0 day	77	77	
73°F (23°C), 50% RH, 7.0 day	77	77	
Pendulum Hardness (Koenig) ³			DIN 53157
55°F (13°C), 80% RH, 1.0 day	55	55	
55°F (13°C), 80% RH, 2.0 day	75	75	
55°F (13°C), 80% RH, 7.0 day	120	120	
73°F (23°C), 50% RH, 1.0 day	127	127	
73°F (23°C), 50% RH, 2.0 day	153	153	
73°F (23°C), 50% RH, 7.0 day	170	170	
Compressive Strength ³			ISO 604
14.0 day, 73°F (23°C), 50% RH	15200 psi	105 MPa	
Flexural Strength ³			ISO 178
8.0 day, 73°F (23°C), 50% RH + 3 hrs @ 80°C	13900 psi	96.0 MPa	
Tensile Strength ³			ISO 527-2
14.0 day, 73°F (23°C), 50% RH	8410 psi	58.0 MPa	
Elongation at Break ³			ISO 527-2
14.0 day, 73°F (23°C), 50% RH	2.4 %	2.4 %	

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.

² Reference Resin: D.E.R.™ 331

³ Reference Resin: D.E.R.™ 3531

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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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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		

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