

D.E.H.™ 622

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.™ 622 Epoxy Curing Agent is an modified amine curing agent for epoxy resins.

Benefits D.E.H.™ 622 presents good cure even at very low temperature (-5 °C) applications and excellent adhesion to dry and wet concrete. D.E.H.™ 622 provides a very fast cure and its usage as a co-hardener is also possible. It is formulated without nonylphenol and benzyl alcohol.

Applications

- Building & Civil Engineering: Chemical Anchoring
- Composites

Properties	Nominal Value (English)	Nominal Value (SI)	Test Method
AHEW	60 g/eq	60 g/eq	
Viscosity, absolute (77°F (25°C))	490 to 690 mPa·s	490 to 690 mPa·s	ASTM D445
Colour (Max. Gardner)	7	7	ASTM D1544
Density (77°F (25°C))	1.06 g/cm ³	1.06 g/cm ³	ASTM D4052
Amine Value	650 to 670 mg KOH/g	650 to 670 mg KOH/g	ISO 9702
Pot Life ² (73°F (23°C), 100 g)	6 min	6 min	GELNORM Geltimer-TC
Shore D Hardness ³			DIN 53505
55°F (13°C), 80% RH, 1.0 day	76	76	
55°F (13°C), 80% RH, 2.0 day	77	77	
55°F (13°C), 80% RH, 7.0 day	81	81	
73°F (23°C), 50% RH, 1.0 day	80	80	
73°F (23°C), 50% RH, 2.0 day	82	82	
73°F (23°C), 50% RH, 7.0 day	82	82	
Compressive Strength ³			ISO 604
14.0 day, 73°F (23°C), 50% RH	17000 psi	117 MPa	
Flexural Strength ³			ISO 178
8.0 day, 73°F (23°C), 50% RH + 3 hrs @ 80°C	11900 psi	82.0 MPa	
Tensile Strength ³			ISO 527-2
14.0 day, 73°F (23°C), 50% RH	2900 psi	20.0 MPa	
Elongation at Break ³			ISO 527-2
14.0 day, 73°F (23°C), 50% RH	0.50 %	0.50 %	

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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