

D.E.H.™ 804

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@olin.com

DESCRIPTION

D.E.H. 804 Epoxy Curing Agent is an amine curing agent dissolved in water and designed to emulsify epoxy resins. The product contains no VOC according to the European Directive 2004/42/EC and no alkyl phenol.

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D.E.H. 804 is also suitable for the development of flooring on green concrete or where water is expected to migrate from the substrate.

TYPICAL APPLICATIONS

Applications: Self-Leveling Flooring
Construction & Civil Engineering: Flooring

TYPICAL PHYSICAL PROPERTIES

Property	Conditions	Value	UOM	Method
Amine Hydrogen Equivalent Weight (AHEW)		175	g/eq	Calculated
Amine Value		255 - 275	mg KOH/g	ISO 9702
Color		14	Gardner	ASTM D1544
Density	77 °F, 25 °C	1.13	g/cm3	ASTM D4052
Solid Content		69 - 71	%	ASTM D2369
Viscosity	77 °F, 25 °C, C/P 50mm	3500 - 9500	mPa*s	ISO 3219

Typical properties, not to be construed as specifications
Color: Max Value

TYPICAL PERFORMANCE PROPERTIES

Property	Conditions	Value	UOM	Method
Pendulum Hardness	55 °F, 13 °C, 80 % RH, 1 days, D.E.R. 3221	5		DIN 53157
Pendulum Hardness	55 °F, 13 °C, 80 % RH, 2 days	30		DIN 53157
Pendulum Hardness	55 °F, 23 °C, 80 % RH, 7 days	108		DIN 53157

PRODUCT INFORMATION



Pendulum Hardness	73 °F, 23 °C, 50 % RH, 1 days	112		DIN 53157
Pendulum Hardness	73 °F, 23 °C, 50 % RH, 2 days	172		DIN 53157
Pendulum Hardness	73 °F, 13 °C, 50 % RH, 7 days	196		DIN 53157
Pot Life	73 °F, 23 °C, 100 g, D.E.R. 331	50	min	GELNORM Geltimer-TC
Shore D Hardness	55 °F, 13 °C, 80 % RH, 37 days			DIN 53505
Shore D Hardness	55 °F, 13 °C, 80 % RH, 74 days			DIN 53505
Shore D Hardness	73 °F, 23 °C, 50 % RH, 52 days			DIN 53505
Shore D Hardness	73 °F, 23 °C, 50 % RH, 80 days, D.E.R. 3221			DIN 53505

Typical properties, not to be construed as specifications

Pot Life: Geltimer-TC

PRODUCT STEWARDSHIP

At Olin, our Product Stewardship program is guided by our core values – Act with Integrity, Drive Innovation and Improvement, and Lift Olin People. We are committed to the safe handling and use of our products – and enabling all of our collaborators throughout the value chain to do the same. As a responsible corporate citizen and certified to RC14001®:2015, we assess the safety, health, and environmental information on our products, and then take appropriate steps to protect employees, public health, and the environment. Ultimately, the success of our product stewardship program rests with each and every individual involved with Olin products – from the initial concept and research to the manufacture, sale, distribution, use, disposal, and recycling of each product.

REGULATORY DATA SHEETS (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@olin.com

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