



LAST-A-FOAM® R-3315 RIGID POLYURETHANE FOAM			
Property	English	Metric	Test Method
Density (pcf) (kg/m ³)	15	240	ASTM D-1622
Compressive Strength (psi) (kPa)			ASTM-D-1621
Parallel to Rise			
@ 75°F	718	4951	
@ 200°F	408	2813	
Perpendicular to Rise			
@ 75°F	772	5323	
@ 200°F	447	3082	
Compressive Modulus (psi) (kPa)			ASTM-D-1621
Parallel to Rise			
@ 75°F	19554	134825	
@ 200°F	13111	90400	
Perpendicular to Rise			
@ 75°F	19640	135418	
@ 200°F	13376	92228	
Tensile Strength (psi) (kPa)			ASTM D-1623 Type A Specimens
Perpendicular to Rise	679	4682	
Shear Strength (psi) (kPa)			ASTM C-273
Rise Parallel to Specimen Thick.	234	1613	
Shear Modulus (psi) (kPa)			ASTM C-273
Rise Parallel to Specimen Thick.	2197	15148	
Flexural Strength (psi) (kPa)			ASTM D-790 Method 1-A
Rise Parallel to Specimen Width	917	6323	
Rise Parallel to Beam Thick.	895	6171	
Flexural Modulus (psi) (kPa)			ASTM D-790 Method 1-A
Rise Parallel to Specimen Width	26118	180084	
Rise Parallel to Beam Thick.	26443	182324	
CTE (in/in-°F) (m/m-K)	32 x 10 ⁻⁶	58 x 10 ⁻⁶	From -50 to +200°F, GP Method
Closed Cell Content (%)	97	97	ASTM D-6226
Thermal Conductivity (BTU*in/ft2*°F*h) [(W/m*K)]	0.300	0.043	ASTM C-518 at 75°F (24°C) mean temp.
Hardness, Shore-D (cut foam surface)	29	29	ASTM D-2240
Tumbling Friability (% Weight Loss)	1.4	1.4	ASTM C-421 (20 minutes @ 60 rpm)
Glass Transition, Tg (°F) (°C)	261	127	ASTM E-1824
Hydrostatic Performance (% Wt Gain @ 300psi)	<5% Wt Gain	<5% Wt Gain	GP Method

Values shown are average values determined from laboratory tests.

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