



LAST-A-FOAM® FR-7307 RIGID POLYURETHANE FOAM			
Property	English	Metric	Test Method
Density (pcf) (kg/m ³)	7.00	112	ASTM D-1622
Compressive Strength (psi) (kPa)			ASTM-D-1621
Parallel to Rise			
@ 75°F	168	1156	
Perpendicular to Rise			
@ 75°F	129	892	
Compressive Modulus (psi) (kPa)			ASTM-D-1621
Parallel to Rise			
@ 75°F	5218	35981	
Perpendicular to Rise			
@ 75°F	3487	24046	
Shear Strength (psi) (kPa)			ASTM C-273 Compression Shear
Rise Parallel to Specimen Width	65	447	
Rise Parallel to Specimen Thick.	90	621	
Shear Modulus (psi) (kPa)			ASTM C-273 Compression Shear
Rise Parallel to Specimen Width	1878	12948	
Rise Parallel to Specimen Thick.	1889	13024	
Flexural Strength (psi) (kPa)			ASTM D-790 Method 1-A
Rise Parallel to Beam Thick.	185	1273	
Flexural Modulus (psi) (kPa)			ASTM D-790 Method 1-A
Rise Parallel to Beam Thick.	4934	34018	
CTE: (in/in/°F) (K ⁻¹)	~2.7 x 10 ⁻⁵	~4.9 x 10 ⁻⁵	From -50 to +200°F
Tumbling Friability - weight loss (%)	15.4	15.4	ASTM C-421 (20 minutes @ 60 rpm)
Water Absorption (lbs/ft ²) (kg/m ²):	.027	.134	ASTM D-2842
Glass Transition, Tg (°F) (°C):	231	111	TMA
Fire Safety	*S/E	*S/E	*Self-extinguishing via test method shown below

Values shown are average values determined from laboratory tests

09/05/2005

*Tested vertically on 1/2" thick specimen using 12- and 60- second ignition with a Bunsen burner

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