



LAST-A-FOAM® FP-8015 SEMI-RIGID POLYURETHANE FOAM			
Property	English	Metric	Test Method
Density (pcf) (kg/m³)	15	240	ASTM D-3574
Load Deflection (psi) (kPa)			
Parallel to Rise			
@ 75°F: Stress at 25%	58	400	ASTM-D-1621
@ 75°F: Stress at 50%	167	1151	ASTM-D-3574
@ 150°F: Stress at 25%	13	90	ASTM-D-1621
Tensile Strength (psi) (kPa)			ASTM D-3574
Parallel to Rise	113	779	
Tensile Modulus (psi) (kPa)			ASTM D-3574
Parallel to Rise	564	3889	
Shear Strength (psi) (kPa)			ASTM C-273 Compression Shear
Rise Parallel to Specimen Width	99	683	
Rise Parallel to Specimen Thick.	114	786	
Shear Modulus (psi) (kPa)			ASTM C-273 Compression Shear
Rise Parallel to Specimen Width	336	2317	
Rise Parallel to Specimen Thick.	357	2462	
Flexural Strength (psi) (kPa)			ASTM D-790 Procedure B
Rise Parallel to Beam Thick.	31	214	
Flexural Modulus (psi) (kPa)			
Rise Parallel to Beam Thick.	610	4206	
Dynamic Load Deflection:			General Plastics Test Plan G-TP9201-1
Impact Energy (in-lbs) (Kg-meters)	2820	389.9	
Rebound (Resilience) Energy (in-lbs) (Kg-meters)	280	3.2	
Acceleration, g-max (g)	129	129.3	
Glass Transition, T_g (°F) (°C)	109	43	TMA
Fire Safety	Pass	Pass	<15s extinguish time, <6 in burn length *via test method shown below

Values shown are average values determined from laboratory tests

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*FAR 25.853 (A) App. F (a)(1)(ii) tested vertically on 1/2" thick specimen using 12-second ignition with a Bunsen burner

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