



LAST-A-FOAM® FR-3700 RIGID POLYURETHANE FOAM

PROPERTY	UNIT	FR-3703	FR-3704	FR-3705	FR-3706	FR-3708	FR-3710	FR-3712	FR-3718	FR-3720	FR-3725	FR-3730	FR-3740	TEST METHOD
Density	lbs/ft ³	3	4	5	6	8	10	12	18	20	25	30	40	ASTM D-1622
	kg/m ³	48	64	80	96	128	160	192	288	320	400	481	641	
Compressive Strength (75°F)	psi	45	70	110	145	220	300	365	1,090	1,260	2,180	2,950	4,520	ASTM D-1621
	kPa	310	480	750	1,000	1,500	2,050	2,500	7,500	8,700	15,000	20,300	31,200	
Tensile Strength	psi	75	100	130	165	220	285	340	740	820	1,380	1,840	2,770	ASTM D-1623 Type A Specimens
	kPa	520	690	900	1,150	1,500	1,950	2,350	5,100	5,700	9,500	12,700	19,100	
Shear Strength	psi	40	65	90	100	165	225	270	575	690	970	1,300	2,000	ASTM C273 in Compression
	kPa	280	450	620	690	1,150	1,550	1,850	3,950	4,750	6,700	9,000	13,800	*Modified sample size = 0.25"x1.0"x3.0"
Flexural Strength	psi	60	100	160	200	300	420	500	1,140	1,270	2,100	2,750	4,150	ASTM D-790 Method 1-A
	kPa	410	690	1,100	1,400	2,050	2,900	3,450	7,850	8,800	14,500	19,000	28,600	
Coefficient of Thermal Expansion (CTE)	in/in-°F	35 x 10 ⁻⁶												From -50 to +200°F, GP Method
	m/m-K	63 x 10 ⁻⁶												
Max Use Temperature	°F	260												
	°C	127												

Values shown are parallel to the direction of rise and representative values

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