



LAST-A-FOAM® FR-4500 RIGID POLYURETHANE FOAM

PROPERTY	UNIT	FR-4510	FR-4512	FR-4515	FR-4518	FR-4520	FR-4530	FR-4540	FR-4550	TEST METHOD
Density	lbs/ft ³	10	12	15	18	20	30	40	50	ASTM D-1622
	kg/m ³	160	192	240	288	320	481	641	801	
Compressive Strength (75°F)	psi	300	360	600	1,000	1,250	2,100	3,600	4,500	ASTM D-1621
	kPa	2,050	2,500	4,150	6,900	8,600	14,500	24,800	31,000	
Tensile Strength	psi	260	290	425	730	880	1,500	2,500	3,100	ASTM D-1623 Type A Specimens
	kPa	1,800	2,000	2,950	5,050	6,050	10,300	17,200	21,400	
Flexural Strength	psi	380	410	670	1,100	1,350	2,100	3,900	4,800	ASTM D-790 Method 1-A
	kPa	2,600	2,850	4,600	7,600	9,300	14,500	26,900	33,100	
Coefficient of Thermal Expansion (CTE)	in/in-°F	29 x 10 ⁻⁶								From -50 to +200°F, GP Method
	m/m-K	52 x 10 ⁻⁶								
Max Use Temperature	°F	200								
	°C	93								

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

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The company reserves the right to release new data sheets in replacement.