



**LAST-A-FOAM® FR-4800 RIGID POLYURETHANE FOAM**

PROPERTY	UNIT	FR-4800	TEST METHOD
Density	lbs/ft <sup>3</sup>	48	ASTM D-1622
	kg/m <sup>3</sup>	770	
Compressive Strength (75°F)	psi	4,500	ASTM D-1621
	kPa	31,000	
Flexural Strength	psi	2,000	ASTM D-790 Method 1-A
	kPa	13,800	
Coefficient of Thermal Expansion (CTE)	in/in-°F	12 x 10 <sup>-6</sup>	ASTM E831 @ 104°F - 230°F
	m/m-K	22 x 10 <sup>-6</sup>	
	in/in-°F	13 x 10 <sup>-6</sup>	ASTM E831 @ 248°F - 356°F
	m/m-K	23 x 10 <sup>-6</sup>	
	in/in-°F	13 x 10 <sup>-6</sup>	ASTM E831 @ 356°F - 400°F
	m/m-K	23 x 10 <sup>-6</sup>	
Thermal Conductivity	(BTU*in/hr-ft <sup>2</sup> -°F)	1.450	ASTM C-518 at 75°F (24°C) mean temp.
	(W/m-K)	0.209	
Max Use Temperature	°F	480	
	°C	249	

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

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