



LAST-A-FOAM® FR-4700 RIGID POLYURETHANE FOAM (Metric Units)

Property	Test Method	FR-4718	FR-4730	FR-4740
Density (kg/m ³)	ASTM D-1622	288	481	641
Compressive Strength (kPa)				
Parallel to Rise				
24°C	ASTM-D-1621	8,250	20,700	35,900
177°C		4,250	9,650	15,200
Perpendicular to Rise				
24°C	ASTM-D-1621	7,600	17,600	28,600
177°C		4,350	9,300	14,500
Compressive Modulus (kPa)				
Parallel to Rise				
24°C	ASTM-D-1621	257,000	649,000	1,250,000
177°C		130,000	355,000	627,000
Perpendicular to Rise				
24°C	ASTM-D-1621	201,000	724,000	1,190,000
177°C		121,000	316,000	545,000
Thermal Conductivity (W/m·K)	ASTM C-518 at 24°C mean temp.	0.06	0.09	0.13
CTE: (m/m-K)	ASTM E-1824 @ 93°C - 204°C	47 x 10 ⁻⁶		
Glass Transition Temperature, Tg (°C)	ASTM E-1824	218		
Max Use Temperature (°C)		204		

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This data is subject to revision and changes due to development of and changes to the material. The data is derived from tests and historical usage. The data is averaged data and should be treated as such. These values do not constitute a sales specification. Calculations should be verified by actual tests. The data is furnished without liability for the company and does not constitute a warranty or representation in respect to the material or its use. The company reserves the right to release new data sheets in replacement.

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