



LAST-A-FOAM® FR-7100 RIGID POLYURETHANE FOAM

PROPERTY	UNIT	FR-7104	FR-7106	FR-7108	FR-7110	FR-7112	FR-7118	FR-7120	FR-7125	FR-7130	FR-7140	TEST METHOD
Density	lbs/ft ³	4	6	8	10	12	18	20	25	30	40	ASTM D-1622
	kg/m ³	64	96	128	160	192	288	320	400	481	641	
Compressive Strength (75°F)	psi	110	150	240	315	400	660	1,060	1,760	2,370	4,220	ASTM D-1621
	kPa	750	1,050	1,650	2,150	2,750	4,550	7,300	12,100	16,300	29,100	
Tensile Strength	psi	90	150	200	250	310	560	750	1,100	1,400	2,320	ASTM D-1623 Type A Specimens
	kPa	600	1,050	1,400	1,700	2,150	3,850	5,150	7,600	9,700	16,000	
Shear Strength	psi	40	90	135	190	250	400	590	980	1,275	1,725	ASTM C273 in Compression *Modified sample size = 0.25"x1.0"x3.0"
	kPa	300	600	950	1,300	1,700	2,750	4,050	6,750	8,800	11,900	
Flexural Strength	psi	100	170	300	400	500	750	1,020	1,550	1,940	3,400	ASTM D-790 Method 1-A
	kPa	700	1,150	2,050	2,750	3,450	5,150	7,050	10,700	13,400	23,400	
Coefficient of Thermal Expansion (CTE)	in/in-°F	31 x 10 ⁻⁶										From -50 to +200°F, GP Method
	m/m-K	56 x 10 ⁻⁶										
Max Use Temperature	°F	220										
	°C	104										

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

4/4/2018

GENERAL PLASTICS MANUFACTURING COMPANY

4910 BURLINGTON WAY

TACOMA, WA 98409

phone (253) 473-5000 fax (253) 473-5104

e-mail: sales@generalplastics.com

website: www.generalplastics.com

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. 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.