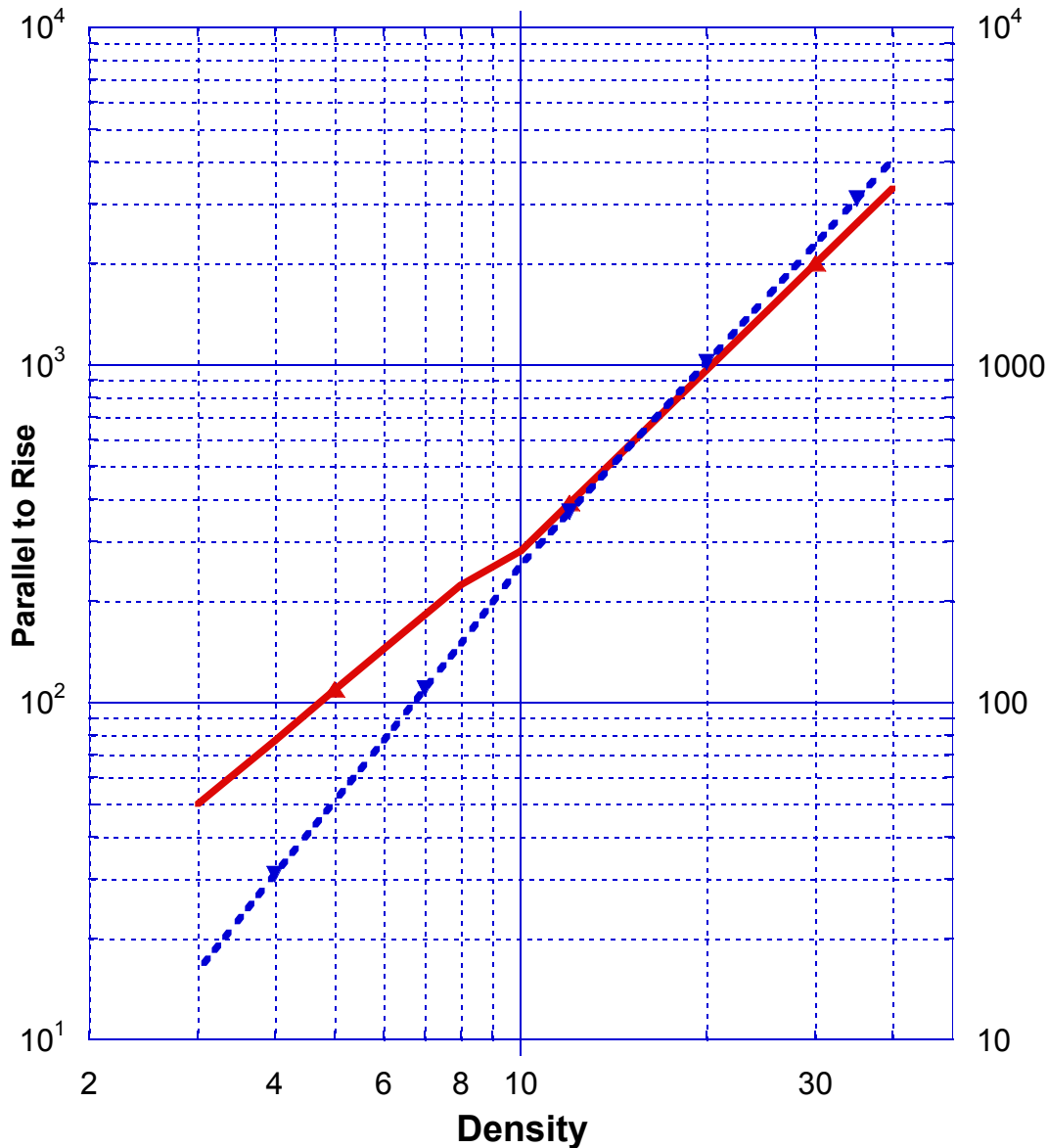


### FR-7100 Compressive Strength 75F



—▲— Parallel to Rise

- -▲- - Perpendicular to Rise

## General Plastics Manufacturing Co. LAST-A-FOAM FR-7100

Foam Density	Parallel (PSI)	Perpendicular (PSI)
3	50	16
4	77	31
5	109	51
6	144	77
7	182	110
8	223	149
10	281	255
12	389	367
15	579	574
18	802	825
20	968	1,018
25	1,442	1,590
30	1,998	2,287
35	2,632	3,111
40	3,341	4,060

Compressive Strength (ASTM D-1621)  
Parallel and Perpendicular to direction of foam rise.

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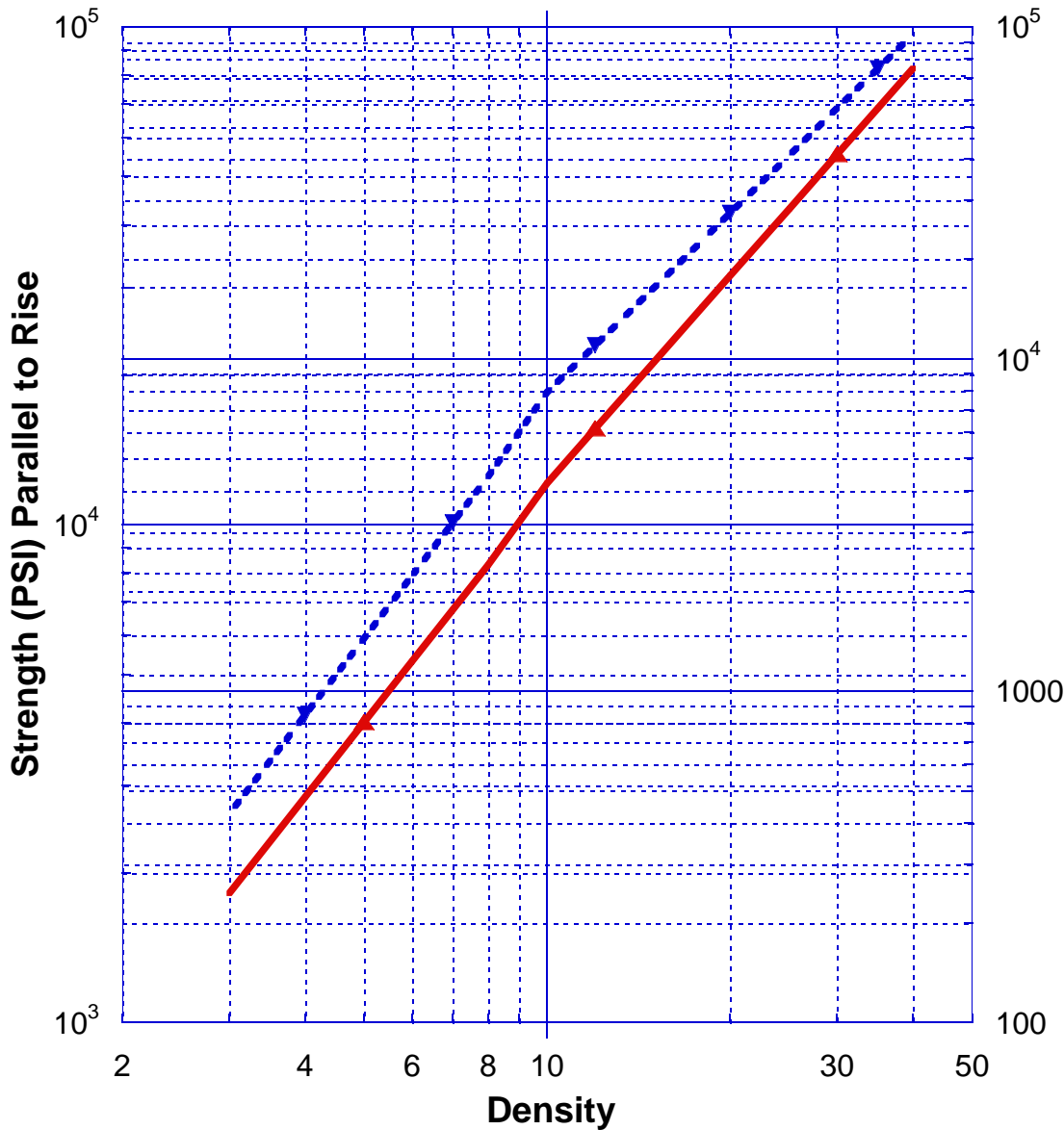
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website: [www.generalplastics.com](http://www.generalplastics.com)

### FR-7100 Compressive Modulus 75F



## General Plastics Manufacturing Co. LAST-A-FOAM FR-7100

Foam Density	Parallel to Rise (PSI)	Perpendicular to Rise (PSI)
3	1,819	426
4	2,840	846
5	4,013	1,440
6	5,323	2,225
7	6,759	3,213
8	8,312	4,417
10	12,129	7,926
12	15,611	10,992
15	21,259	16,403
18	27,361	22,748
20	31,656	27,480
25	43,111	41,006
30	55,484	56,869
35	68,679	74,982
40	82,620	95,274

Compressive Modulus (ASTM D-1621)  
Parallel and Perpendicular to direction of foam rise.

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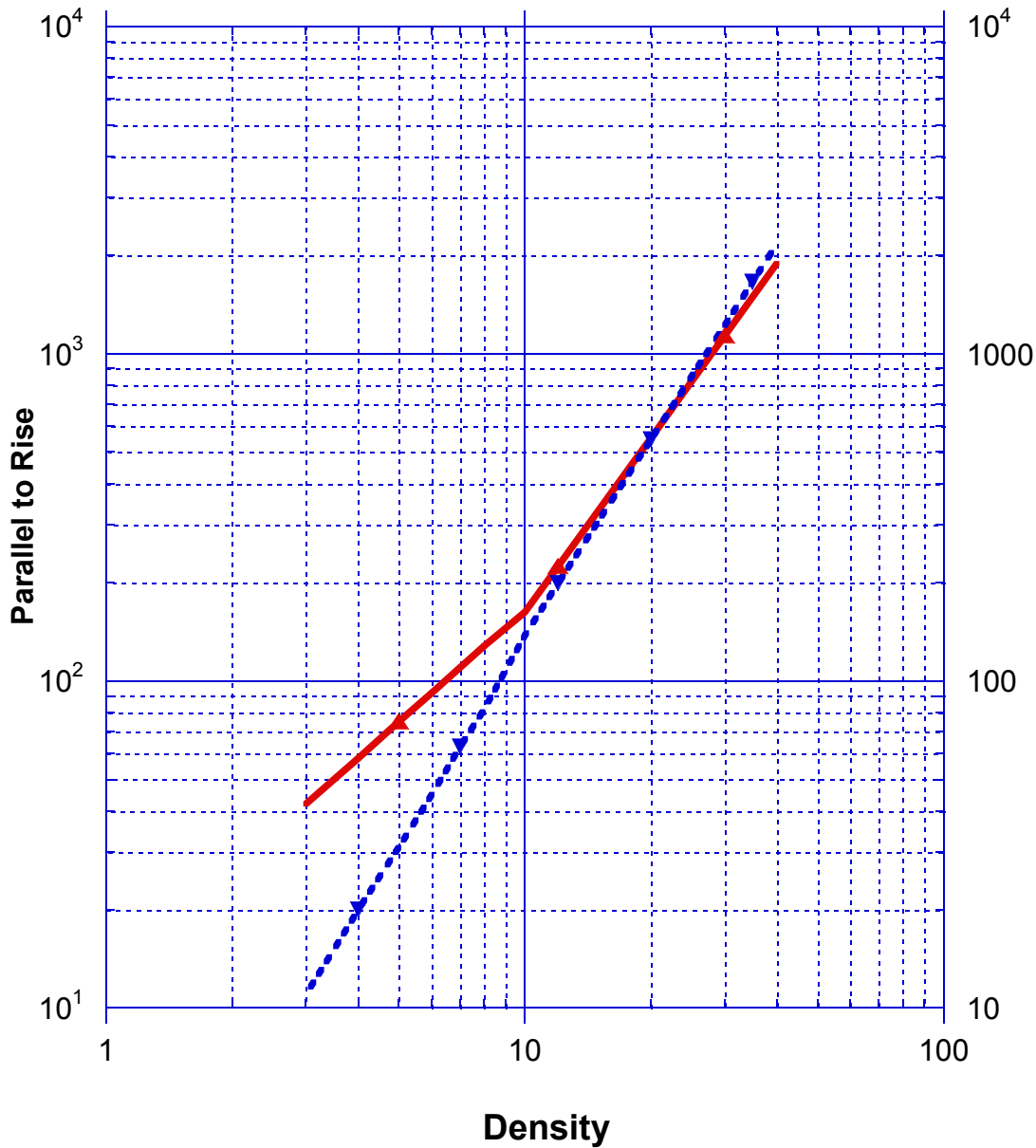
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### FR-7100 Compressive Strength 200F



—▲— Parallel to Rise

- -▲- - Perpendicular to Rise

## General Plastics Manufacturing Co. LAST-A-FOAM FR-7100

Foam Density	Parallel (PSI)	Perpendicular (PSI)
3	42	11
4	58	20
5	75	31
6	92	45
7	110	63
8	128	82
10	162	138
12	224	199
15	332	309
18	459	444
20	553	547
25	822	852
30	1,135	1,222
35	1,492	1,659
40	1,890	2,162

Compressive Strength (ASTM D-1621)  
Parallel and Perpendicular to direction of foam rise.

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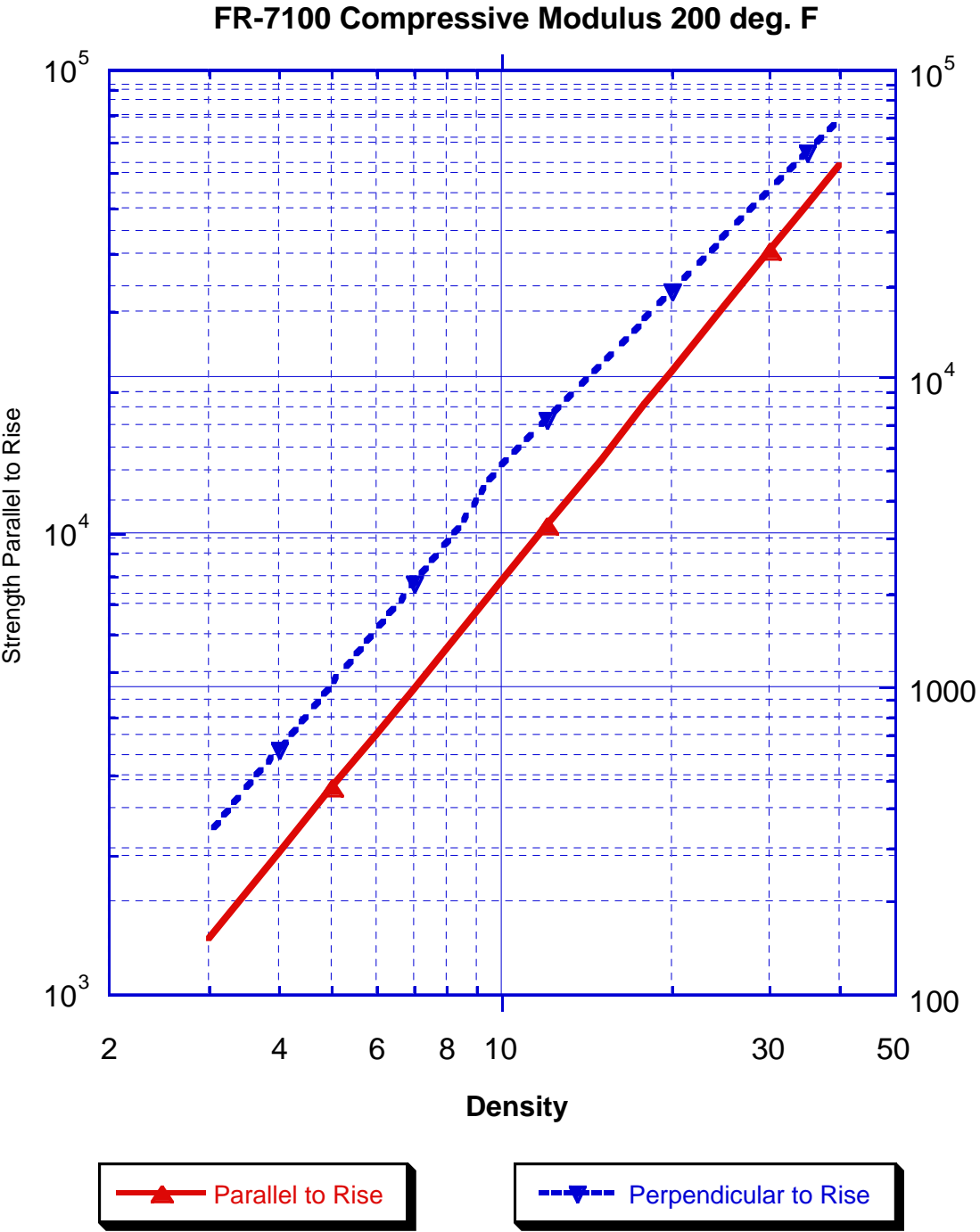
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# General Plastics Manufacturing Co. LAST-A-FOAM FR-7100

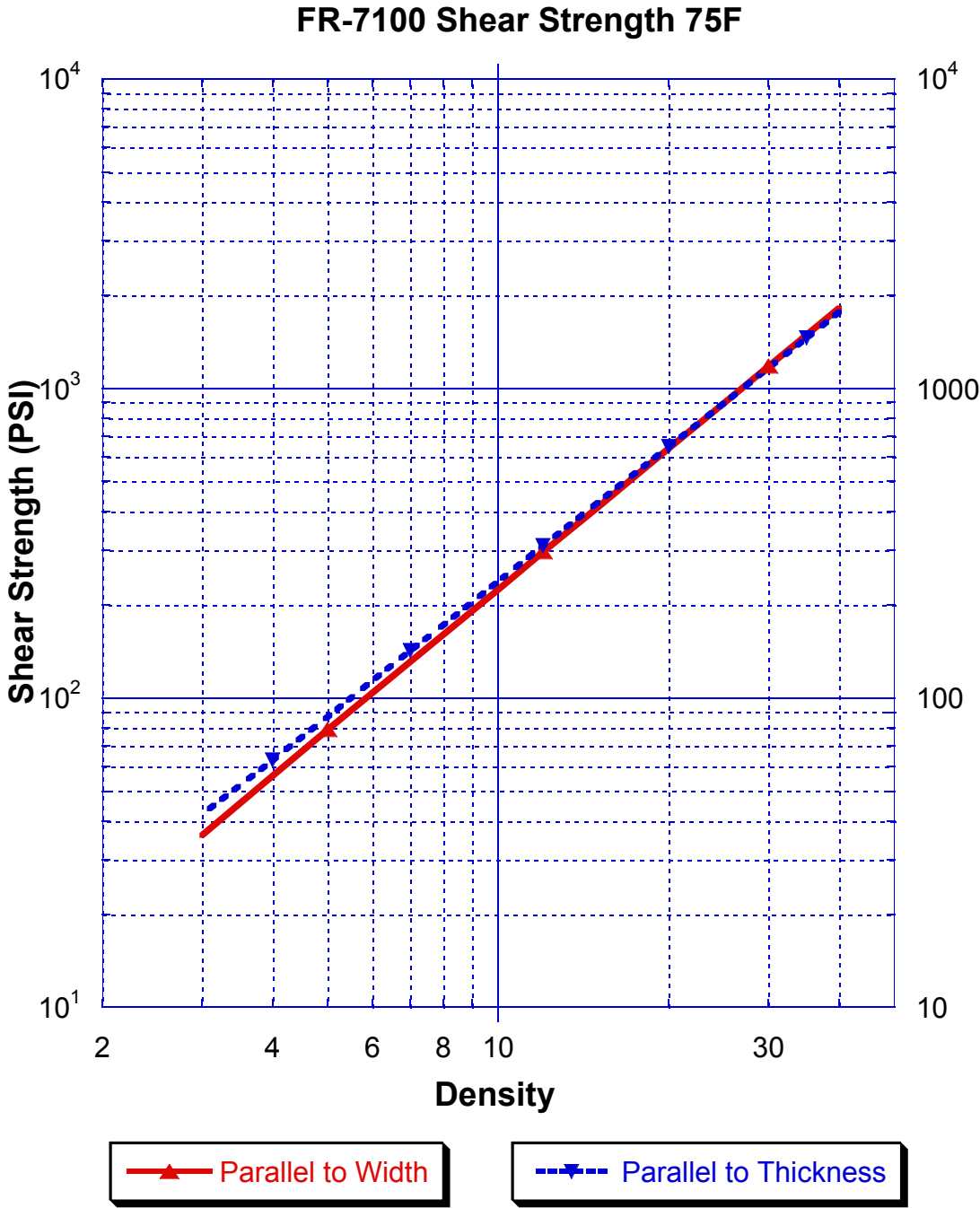


Foam Density	Parallel (PSI)	Perpendicular (PSI)
3	1,326	327
4	2,020	622
5	2,799	1,023
6	3,654	1,538
7	4,578	2,171
8	5,566	2,925
10	7,875	5,236
12	10,328	7,347
15	14,392	11,120
18	18,874	15,602
20	22,075	18,975
25	30,762	28,720
30	40,343	40,296
35	50,737	53,656
40	61,883	68,760

Compressive Strength (ASTM D-1621)  
Parallel and Perpendicular to direction of foam rise.

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**General Plastics Manufacturing Co.  
LAST-A-FOAM FR-7100**

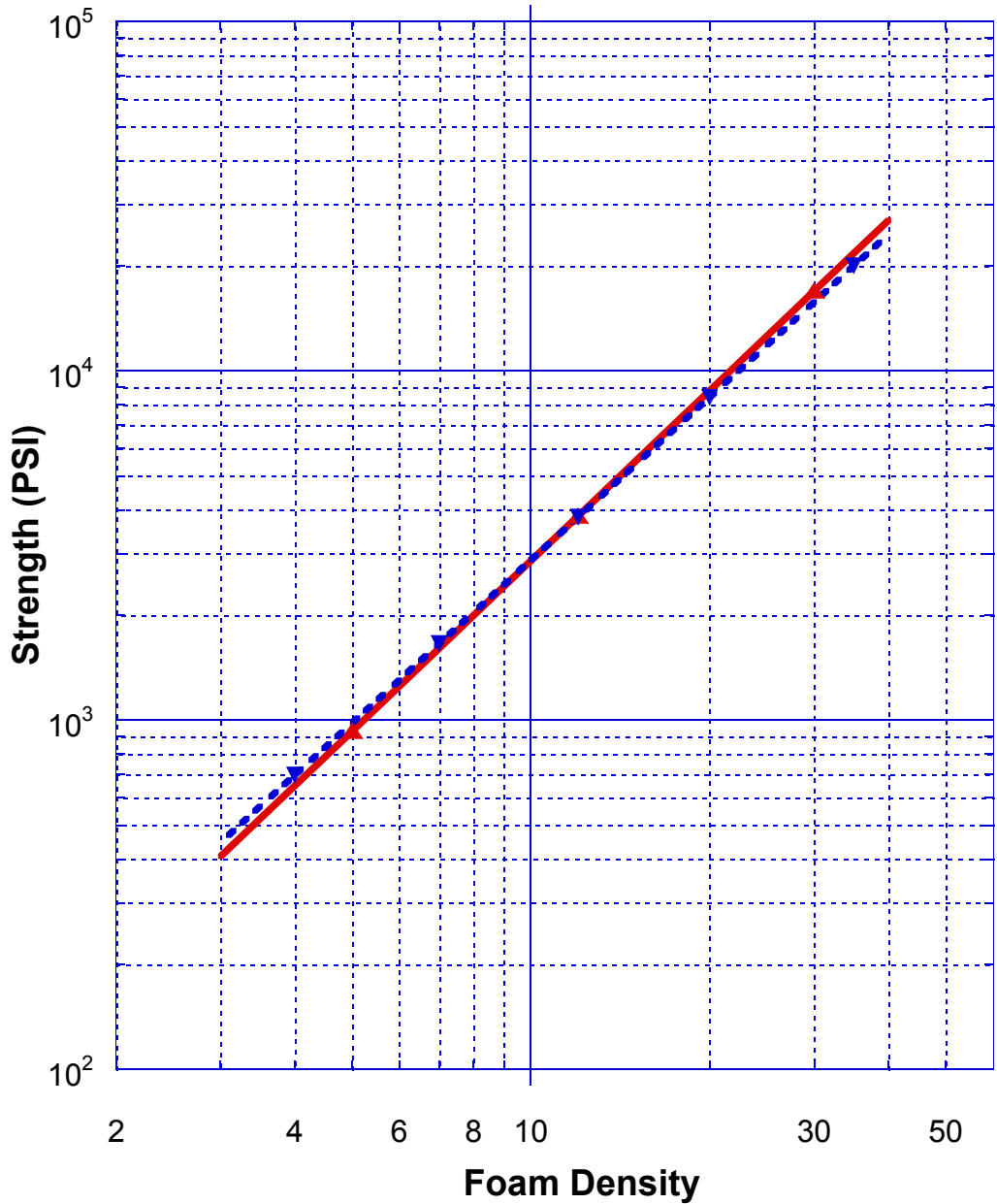


Foam Density	Parallel to Width (PSI)	Parallel to Thickness (PSI)
3	36	42
4	56	63
5	79	87
6	104	114
7	131	142
8	160	172
10	224	238
12	296	310
15	414	428
18	545	557
20	640	648
25	896	895
30	1,180	1,166
35	1,490	1,457
40	1,823	1,768

Shear Modulus (ASTM C-273)  
Parallel and Perpendicular to direction of foam rise.

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### FR-7100 Shear Modulus 75F



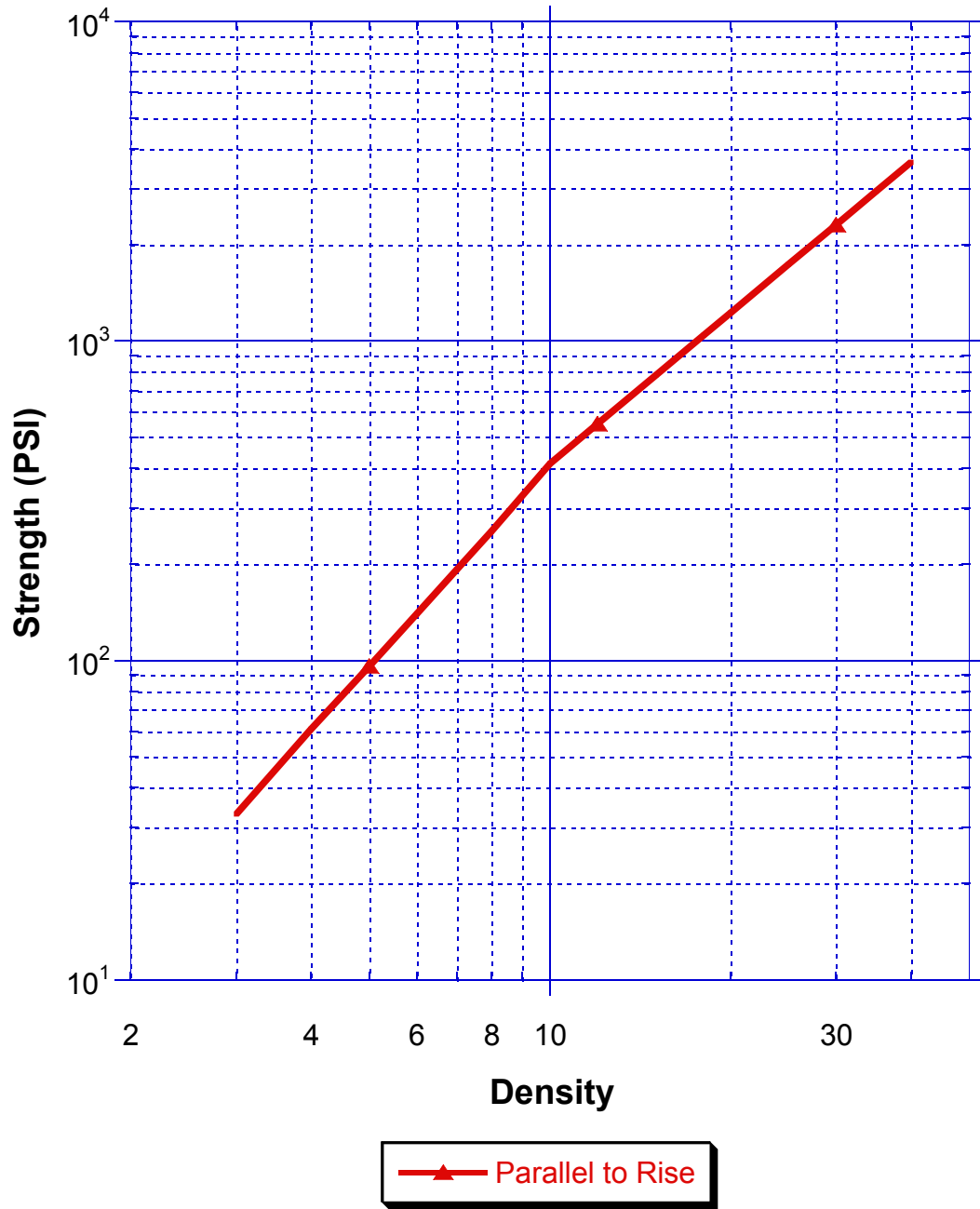
### General Plastics Manufacturing Co. LAST-A-FOAM FR-7100

Foam Density	Parallel (PSI)	Perpendicular (PSI)
3	407	446
4	649	696
5	931	984
6	1,251	1,304
7	1,606	1,656
8	1,993	2,036
10	2,860	2,876
12	3,843	3,814
15	5,515	5,388
18	7,408	7,145
20	8,786	8,410
25	12,608	11,881
30	16,938	15,755
35	21,739	20,001
40	26,984	24,593

Shear Modulus (ASTM C-273)  
Parallel and Perpendicular to direction of foam rise.

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### FR-7100 Flexural Strength 75F



## General Plastics Manufacturing Co. LAST-A-FOAM FR-7100

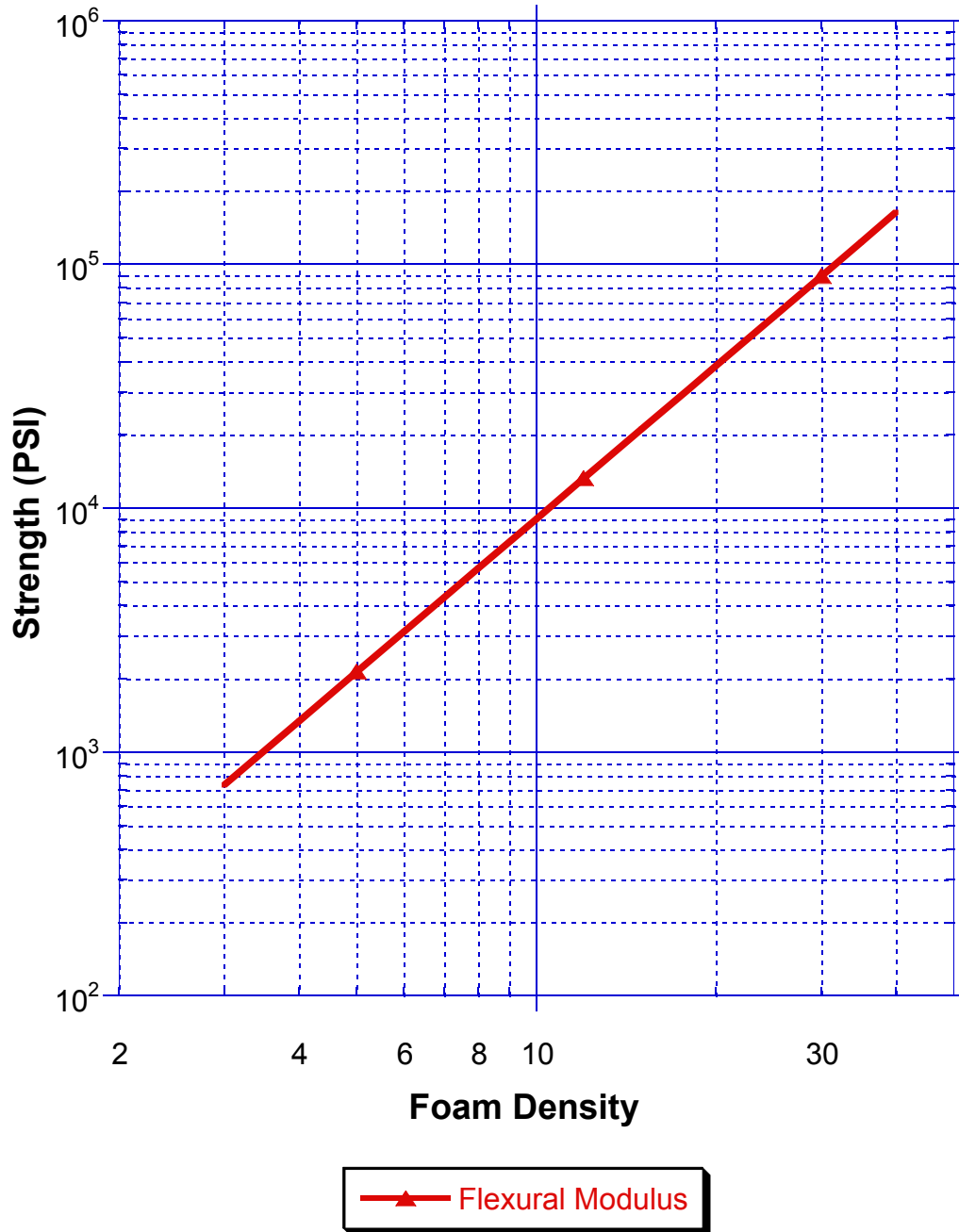
Foam Density	Parallel to Foam Rise (PSI)
3	33
4	61
5	96
6	140
7	193
8	254
10	414
12	551
15	782
18	1,041
20	1,227
25	1,741
30	2,316
35	2,949
40	3,635

Flexural Strength (ASTM D-790)  
Parallel and Perpendicular to direction of foam rise.

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## FR-7100 Flexural Modulus 75F



## General Plastics Manufacturing Co. LAST-A-FOAM FR-7100

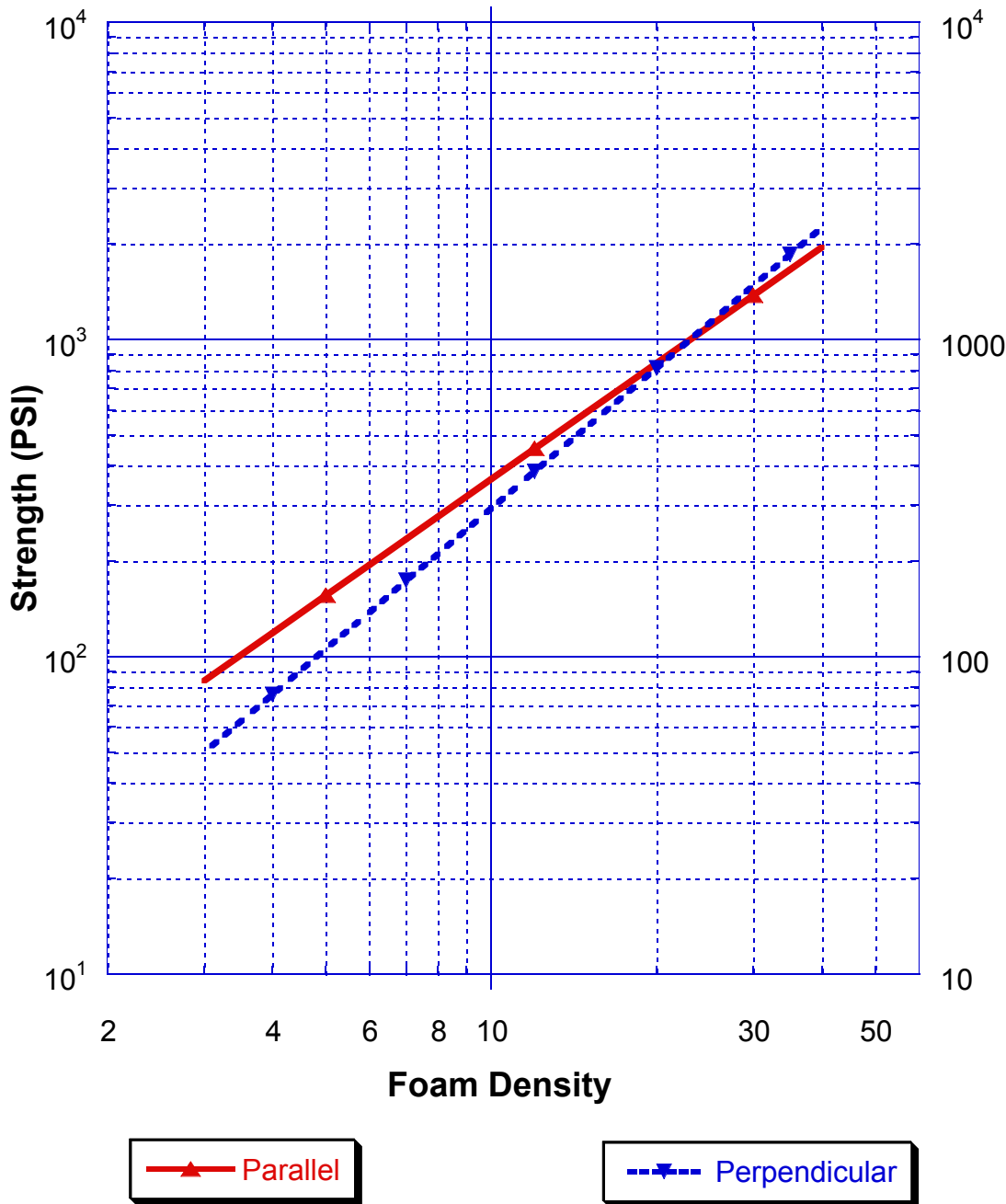
Foam Density	Parallel to Foam Rise (PSI)
3	734
4	1,338
5	2,132
6	3,119
7	4,303
8	5,686
10	9,059
12	13,253
15	21,115
18	30,892
20	38,490
25	61,320
30	89,715
35	123,763
40	163,540

Flexural Modulus (ASTM D-790)  
Parallel and Perpendicular to direction of foam rise.

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### FR-7100 Tensile Strength 75F



### General Plastics Manufacturing Co. LAST-A-FOAM FR-7100

Foam Density	Parallel (PSI)	Perpendicular (PSI)
3	84	50
4	119	76
5	156	106
6	195	138
7	235	174
8	277	211
10	363	293
12	453	384
15	594	533
18	741	697
20	842	814
25	1,104	1,130
30	1,378	1,478
35	1,662	1,854
40	1,954	2,257

Tensile Strength (ASTM D-1623)  
Parallel and Perpendicular to direction of foam rise.

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