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BISCO® Silicones

Typical Product Properties

Compression Modulus of Cellular Silicones

	FORCE (psi)					
% Compressed	EP-2022	BF-1000	HT-870	HT-800	HT-820	HT-840
10	0.23	1.2	2.8	3.6	6.2	10.5
25	0.34	2.5	4.4	8.3	16.7	21.8
40	0.81	3.6	6.2	13.7	30.2	37.7
55	2.3	6.2	10.2	24.9	56.5	75.5
70	6.3	15.7	25	60.9	150.5	---
	FORCE (kPa)					
% Compressed	EP-2022	BF-1000	HT-870	HT-800	HT-820	HT-840
10	1.6	8.3	19.3	24.8	42.8	72.4
25	2.3	17.2	30.3	57.2	115.2	150.3
40	5.6	24.8	42.8	94.4	208.3	260.0
55	15.8	42.7	70.3	171.6	389.7	713.6
70	43.4	108.3	172.4	419.6	1037.9	---
	Standard Compression Deflection Ranges 25% Compressed					
	EP-2022	BF-1000	HT-870	HT-800	HT-820	HT-840
psi	0-2	1-5	2-7	6-14	12-20	18-26
kPa	0-13.8	6.9-34.5	13.8-48.3	41.4-96.6	82.7-137.9	124-179

The information contained in this data sheet is intended to assist you in designing with Rogers BISCO Silicones. It is not intended to and does not create any warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose or that the results shown on the data sheet will be achieved by a user for a particular purpose. The user should determine the suitability of Rogers BISCO Silicones for each application.

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 3085-1003-0.4C, Publication #180-079

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