

BISCO® Silicones

Data Sheet

BISCO® CELLULAR SILICONES COMPRESSION MODULUS

% Compressed	FORCE (psi)						
	BF-2000	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	2.30	6.2	10.2	24.9	56.5	75.5	
70	6.30	15.7	25.0	60.9	150.5		

% Compressed	FORCE (kPa)						
	BF-2000	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		

Measure	Standard Compression Deflection Ranges 25% Compressed						
	BF-2000	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	

Note: Typical values are a representation of an average value for the population of the property. For specification values contact Rogers Corporation.

High Performance Foams Division • Carol Stream, IL , USA • T: 607.786.8112 • F: 607.786.8120 • www.rogerscorp.com

The information contained in this Data Sheet is intended to assist you in designing with Rogers' High Performance Foam Materials. 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' High Performance Foam Materials for each application. The Rogers logo, The world runs better with Rogers. and BISCO are licensed trademarks of Rogers Corporation. © 2002, 2003, 2004, 2008 Rogers Corporation, All rights reserved. Printed in U.S.A., 8101-1008-PDF, Publication #180-079