



SEPTEMBER 2005  
**TYPICAL PHYSICAL PROPERTIES**  
**DURAFOAM™ S88, NATURAL (Tan)**

PHYSICAL PROPERTY	TEST METHOD	UNITS	DURAFOAM™ S88
Polymer			PVC/NBR
Color			NATURAL (TAN)
Density	ASTM-D-1056	Pcf	6
Compression Deflection @ 25%	ASTM-D-1056	Psi	6.5
C/D Heat Aging 7 days @ 158°F	ASTM-D-1056	% Max	30
Shore 00 Durometer			50
Compression Set (50%)	ASTM-D-1056	% Max	25
Tensile	ASTM-D-412	Psi Min.	120
Elongation	ASTM-D-412	% Min.	175
Fluid Immersion	ASTM-D-1056	Wt % Max.	50
Water Absorption	ASTM-D-1056 ASTM-D-1667	Wt % Max. Wt. % Max.	5 0.10
Linear Shrinkage 7 days @ 158°F	ASTM-C-534	% Max.	5
Ozone Resistance 72 hrs @ 50PPHM	ASTM-D-1171	Rating	0
Thermal Conductivity @ 75°F	ASTM C 177		0.30
Resilience (1/2" thk. @ 72°F) Bashore (% Rebounded Average)			12 - 18
Temperature Use: Cold Crack High	ASTM-D-1056	°F °F	-10°F +225°F
Flammability Rating	FMVSS302		PASS
Sheet Size	+/- 3%	Inches	54 x 72"
Specifications:	ASTM-D-1056-67 ASTM-D-1056-98		SBE 41/42 2B1/2

This data and information is provided as a technical service and is subject to change without notice. Some of the above information may be provided from outside sources and MRPC relies on those sources to provide accurate information. Test results provided based on our own lab testing is believed to be accurate and is provided to the best of our ability based on our knowledge of the test methods and specifications listed. However, please keep in mind that some materials have unique physicals that are not part of the recognized industry specifications and standards. Therefore customer sample evaluation and approval of any material is suggested. MRPC will provide free of charge samples of its materials to assist customers in their evaluation to determine the safety, fitness and suitability of the product for the application and use by the user and by any third party which may use the product. MRPC cannot control the final use of the product and, therefore, does not guarantee the performance or the exact duplication of the results published in this document. For technical evaluation and support, please contact John M. Bonforte, Sr, Ext. 12 or email: johnsr@monmouthrubber.com



**ISO CERTIFIED 9001:2008**  
**CERTIFICATE #US08/5033**



☎: 618-282-7700  
 ✉: sales@seconrubber.com  
 🌐: www.seconrubber.com

