



**RUBBER & PLASTICS CORP.**

SEPTEMBER 2005

**TYPICAL PHYSICAL PROPERTIES**

**DURAFOAM™ S88, NATURAL (Tan)**

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

**PHYSICAL AND SHOCK ATTENUATION TEST LABORATORY**

**75 LONG BRANCH AVENUE, LONG BRANCH, NJ 07740**

**PHONE 888-FOAM-888 EXT.12 FAX 800-375-1962**

**E-mail johnsr@monmouthrubber.com Internet http://www.rubberplastics.com**