



July 2010

**PHYSICAL PROPERTIES CHART**

**DURAFOAM™**

**HIGH PERFORMANCE 100% EPDM**

TYPICAL PHYSICAL PROPERTIES	DURAFOAM P497SHD	DURAFOAM P493SHD
POLYMER	100% EPDM	100% EPDM
COLOR	GREY	BLACK
ASTM D-1056-00 CLASSIFICATION	2A3	2A3
25% COMPRESSION RESISTANCE (PSI)	9 TO 13	9 TO 13
B2 – 50% COMPRESSION SET (%) MAX.	25	25
C1- OZONE EXPOSURE, ASTM-D- 1171, METH. A	PASS	PASS
F2 – LOW TEMPERATURE RESISTANCE, -67° F	PASS	PASS
M – COMBUSTION CHARACTERISTICS, TEST METHOD D5132 100 MIN/MAX (4IN./MIN,MAX)	PASS	PASS
DENSITY (LBS/FT³) APPROX	15	15
WATER ABSORPTION (LBS/FT³)	.01 MAX.	.01 MAX.
WATER ABSORPTION, BY WEIGHT ASTM-D-1056 (MAX)	5% MAX	5% MAX
TENSILE (PSI)	110 MIN	110 MIN
ELONGATION (%)	200% MIN	200% MIN
HIGH TEMPERATURE	300°F	300°F
FLAMMABILITY – FMSS302	PASS	PASS
OZONE 20% STRESS – 72 HRS. @ 100 PPHM GM 4486P, ASTM-D-1171-94, ASTM-D-1149-91	NO CRACKS	NO CRACKS
WEATHERING	EXCELLENT	EXCELLENT
ULTRAVIOLET	EXCELLENT	EXCELLENT
STAINING – RES.30 ST 133 ISSUE NO. 2 (EUROPE)	NO STAINING	NO STAINING

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](mailto:johnsr@monmouthrubber.com)



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

**Have a Technical Question?**

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**PHYSICAL AND SHOCK ATTENUATION TEST LABORATORY**

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