



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) | 16 - 25 | 16 - 25 |
| WATER ABSORPTION (LBS/FT²) | .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 |

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

Have a Technical Question?

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PHYSICAL AND SHOCK ATTENUATION TEST LABORATORY

75 LONG BRANCH AVENUE, LONG BRANCH, NJ 07740

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

Int’l Phone 1-732-229-3444 Int’l Fax 1-732-229-0711

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