

January 2011



RUBBER & PLASTICS CORP.

PHYSICAL PROPERTIES CHART

DURAFOAM™ P391SHD

TYPICAL PHYSICAL PROPERTIES	DURAFOAM™ P391SHD
POLYMER	100% EPDM
COLOR	BLACK
ASTM D-1056-00 CLASSIFICATION	2A3
25% COMPRESSION RESISTANCE (psi)	9 TO 13
B2 - 50% COMPRESSION SET (%) max.	25
C1 – OZONE EXPOSURE, ASTM-D- 1171, METH. A	PASS
F2 – LOW TEMPERATURE RESISTANCE, -67° F	PASS
M-COMBUSTION CHARACTERISTICS, TEST METHOD D5132 100 min/max (4 in./min, max)	PASS
DENSITY (lbs/ft ³) approx	15
WATER ABSORPTION (lbs/ft. ²)	.01 max.
WATER ABSORPTION, By Weight ASTM-D-1056 (max)	1% max.
TENSILE (psi)	150 min.
ELONGATION (%)	200% min.
FLAMMABILITY – FMVSS302	PASS
LOW TEMPERATURE FLEXIBILITY	-80° F
OZONE 20% STRESS – 72 hrs. @100 PPHM GM 4486P, ASTM-D-1171-94, ASTM-D-1149-91	NO CRACKS
WEATHERING	EXCELLENT
ULTRAVIOLET	EXCELLENT
STAINING – RES.30 ST 133 Issue No. 2 (Europe)	NO STAINING

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TO 9001:2008**

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PHYSICAL AND SHOCK ATTENUATION TEST LABORATORY

75 LONG BRANCH AVENUE, LONG BRANCH, NJ 07740

PHONE: 888-FOAM-888

FAX: 800-375-1962

Email: sales@monmouthrubber.com

Internet: www.rubberplastics.com