



RUBBER & PLASTICS CORP.

SEPTEMBER 2007

TYPICAL PHYSICAL PROPERTIES

DURAFOAM™ S88, GREY

PHYSICAL PROPERTY	TEST METHOD	UNITS	DURAFOAM™ S88
Polymer			PVC/NBR
Color			GREY
Density APPROX	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	ASTM-D-1056	°F	-10°F
High		°F	+225°F
Flammability Rating	FMVSS302	O FLAME OUT	PASS
Sheet Size	+/- 3%	Inches	54 x 72"
Specifications:	ASTM-D-1056-67 ASTM-D-1056-98		SBE 41/42 2B1/2

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>