

**TYPICAL PROPERTIES OF
8 # EVA**

POLYMER

ETHYLENE VINYL ACETATE

FLAMMABILITY SPECIFICATIONS

FMVSS-302 -----PASS

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT
COMPRESSION DEFLECTION @25%	ASTM D 1056	psi kPa	11 - 21 76 - 145
DENSITY	ASTM D 1056	pcf g/cm ³	6 - 10 .096 - .160
WATER ABSORPTION	ASTM D 1056	% MAX	5
TENSILE STRENGTH	ASTM D 412 (DIE A)	psi kPa	120 827
ELONGATION MINIMUM	ASTM D 412 (DIE A)	%	200
OVEN AGED 7 DAYS @ 158°F CHANGE IN COMPRESSION DEFLECTION & FLEXIBILITY	ASTM D 1056	% 180° BEND	+/- 30 PASS
COMPRESSION SET @50% (B2 OR B3)	ASTM D 1056	% MAX	25
OZONE RESISTANCE	ASTM D 1171	RATING	0
THERMAL CONDUCTIVITY	ASTM C 177	K FACTOR	.35
TEMPERATURE RANGE	N/A	°F °C	-70 TO +160 -57 TO +71
HIGH INTERMITTENT	N/A	°F °C	+180 +82

RESISTANCE TO:		
ACID	EXCELLENT	OZONE
ALKALI	EXCELLENT	KETONES
GASOLINE AND OIL	FAIR	CHLORINATED SOLVENTS
AROMATIC HYDROCARBONS	GOOD	OXIDATION
		EXCELLENT

This information is furnished as a guide for selecting materials. Rubberlite Inc. disclaims liability for results or use of this information. It is the customer's responsibility to obtain and test samples when determining suitability of material for a particular application.

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