

**TYPICAL PROPERTIES OF
F-4053**

POLYMER

EPICHLOROHYDRIN (ECH)

SPECIFICATIONS

ASTM D 1056-67.....SBE 43
 ASTM D 1056-07.....2B3
 MIL-R-6130CII-B-MEDIUM
 MIL-C-3133C & MIL-STD-670B.....SBE11

FLAMMABILITY SPECIFICATIONS

FMVSS-302.....PASS

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT
COMPRESSION DEFLECTION @25%	ASTM D1056	psi kPa	9.0 - 13.0 62 - 90
DENSITY	ASTM D1056	pcf g/cm ³	15.0 - 21.0 .242 - .338
WATER ABSORPTION	ASTM D1056	% MAX	5
TENSILE STRENGTH MINIMUM	ASTM D412 (DIE A)	psi kPa	100 689.5
ELONGATION MINIMUM	ASTM D412 (DIE A)	%	175
COMPRESSION SET @50% (B2 OR B3)	ASTM D1056	% MAX	25
HEAT AGING (7 DAYS-158° F) CHANGE IN COMP. DEFL.	ASTM D1056	%	+/- 30
OZONE RESISTANCE	ASTM D1171	RATING	0
TEMPERATURE RANGE	N/A	°F	-40TO +300
HIGH INTERMITTENT	N/A	°F	+325
FLUID IMMERSION	ASTM D 1056	MAX WEIGHT CHANGE %	50
COLOR	N/A	N/A	BLACK

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

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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