

TYPICAL PROPERTIES OF F-4053

POLYMER

EPICHLOROHYDRIN (ECH)

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT	SPECIFICATIONS
COMPRESSION DEFLECTION 25%	ASTM D1056	psi kPa	9 - 13 62 - 89.6	ASTM D1056-07.....2B3 ASTM D1056 Suffix's.....A1, B2, C1, F1, M ASTM D6576-07.....Type II A, B, Medium MIL-R-6130CII-B Med MIL-C-3133C MIL STD 670 B.....SBE11
DENSITY	ASTM D1056	pcf g/cm ³	15 - 21 .240- .336	
COMPRESSION SET (MAX)	ASTM D1056	%	25	
WATER ABSORPTION (MAX)	ASTM D1056	%	5	
TENSILE STRENGTH (Typical)	ASTM D412 (DIE A)	psi kPa	100 690	
ELONGATION (Typical)	ASTM D412 (DIE A)	%	175	
TEAR STRENGTH (Typical)	ASTM D624 (DIE C)	lb/in kN/m	20 3.5	
CD CHANGE AFTER OVEN AGING	ASTM D1056	%	±30	
RESILIENCE (Typical)	ASTM D2632	%	35	
COLOR	N/A	N/A	BLACK	FLAMMABILITY SPECIFICATIONS FMVSS-302.....PASS
				ADDITIONAL INFORMATION Service Temperature -40 °F to 300 °F High Intermittent Temp 325 °F INFORMATION

For updates to this document, please refer to our website or contact customer service.

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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