

TYPICAL PROPERTIES OF
C41ECH

POLYMER

EPICHLOROHYDRIN (ECH)

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT	SPECIFICATIONS
COMPRESSION DEFLECTION 25%	ASTM D1056	psi kPa	2 - 5 13.8 - 34.4	ASTM D1056-07.....2B1 ASTM D1056 Suffix's.....B2, F1, M
DENSITY	ASTM D1056	pcf g/cm ³	15 .240	
WATER ABSORPTION (MAX)	ASTM D1056	%	5	
TENSILE STRENGTH (Typical)	ASTM D412 (DIE A)	psi kPa	120 758.4	FLAMMABILITY SPECIFICATIONS
ELONGATION (Typical)	ASTM D412 (DIE A)	%	250	FMVSS-302.....PASS
TEAR STRENGTH (Typical)	ASTM D624	lb/in	18	ADDITIONAL INFORMATION
COMPRESSION SET (MAX)	ASTM D1056	%	25	Service Temperature -40°F to 325°F
CD CHANGE AFTER OVEN AGING	ASTM D1056	%	±30	
COLOR	N/A	N/A	BLACK	

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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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