

TYPICAL PROPERTIES OF
C42ECH

POLYMER

EPICHLOROHYDRIN (ECH)

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT
COMPRESSION DEFLECTION 25%	ASTM D1056	psi kPa	5 - 9 34.4 - 62
DENSITY	ASTM D1056	pcf g/cm ³	15 .240
WATER ABSORPTION (MAX)	ASTM D1056	%	5
TENSILE STRENGTH (Typical)	ASTM D412 (DIE A)	psi kPa	90 620.5
ELONGATION (Typical)	ASTM D412 (DIE A)	%	175
TEAR STRENGTH (Typical)	ASTM D624	lb/in	20
COMPRESSION SET (MAX)	ASTM D1056	%	25
CD CHANGE AFTER OVEN AGING	ASTM D1056	%	±30
COLOR	N/A	N/A	BLACK

SPECIFICATIONS	
ASTM D1056-07.....	2B2
ASTM D1056 Suffix's.....	B2, F1, M
FLAMMABILITY SPECIFICATIONS	
FMVSS-302.....	PASS
ADDITIONAL INFORMATION	
Service Temperature	-40°F to 325°F

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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