

Typical Properties of **C41ECH**

Polymer	Epichlorohydrin (ECH)		
ASTM D1056 Classification	2B1		
ASTM D1056 Suffix Compliances	B2, F1, M		
Physical Property	Test Method	Result (US Units)	Result (Metric Units)
Density	ASTM D1056	15 pcf	240.3 kg/m ³
Compression Deflection 25%	ASTM D1056	2 – 5 psi	13.8 – 34.4 kPa
Compression Set 50%	ASTM D1056	25% Max	25% Max
Water Absorption	ASTM D1056	5% Max	5% Max
Tensile Strength	ASTM D412	120 psi	758.4 kPa
Elongation	ASTM D412	250 %	250 %
Tear Strength	ASTM D624	18 lb/in	3.15 kN/m
Resilience	ASTM D2632	45%	45%
CD after Oven Aging	ASTM D1056	30% Max	30% Max
Fluid Immersion	ASTM D1056	50% Max	50% max
Flammability	FMVSS-302	Pass	
Service Temperature	-40 to 325 F		

Contact customer service for specification inquiries.

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