

Typical Properties of F-4053

Polymer	Epichlorohydrin (ECH)		
ASTM D1056 Classification	2B3		
ASTM D1056 Suffix Compliances	A1, B2, C1, F1, M		
ASTM D6576 Classification	Type II A, B Medium		
Physical Property	Test Method	Result (US Units)	Result (Metric Units)
Density	ASTM D1056	15 – 21 pcf	240.3 – 336.4 kg/m ³
Compression Deflection 25%	ASTM D1056	9 – 13 psi	34.4 – 62 kPa
Compression Set 50%	ASTM D1056	25% Max	25% Max
Water Absorption	ASTM D1056	5% Max	5% Max
Tensile Strength	ASTM D412	100 psi	690 kPa
Elongation	ASTM D412	175 %	175 %
Tear Strength	ASTM D624	20 lb/in	3.5 kN/m
Resilience	ASTM D2632	35%	35%
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 300 F		
High Intermittent Temperature	325 F		

Contact customer service for specification inquiries.

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