

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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