

Technical Data Sheet

Foam | ECH | 1120

Our 15 PCF / 240 kg/m³ 1120 epichlorohydrin (ECH) closed-cell foam provides excellent chemical, ozone and oil resistance, plus one of the most versatile temperature ranges (-20 F to 325 F or -29 C to 163 C). At low temperatures, ECH shows excellent aging, resiliency, and flexibility characteristics. It has a Fluid Immersion rate under 50%.

Item	Specs		Test Method
Grade	2B1 2B1		ASTM D1056 SAE J-18 APR2002
Density (PCF) (kg/m ³)	12 – 18 PCF 192 – 288 kg/m ³		ASTM D 3676
Compression Deflection @25% (CFD) (psi) (kPa)	2 – 5 psi 13.7 kpa – 34.4 kPa		ASTM D 1056
Shore Hardness OO (Durometer)	50 – 60		ASTM D 2240
Compression Set @25%	≤ 25		ASTM D 1056
Tensile Strength (psi) (kPa)	120 psi 827 kPa		ASTM D 412 (Die A)
Elongation %	250		ASTM D 412 (Die A)
Tear Strength Resistance (ppi)	18		ASTM D 412 (Die C)
Water Absorption by Weight %	<5		ASTM D 1056
Accelerated Age Testing Oven Aged 7 Days @ 158 °F Change in CFD (%)	± 30%		ASTM D 1056
Service Temperature (°F)(°C)	°F	°C	ASTM D 746
- Low	-40	- 40	
- High Continuous	300	148	
- High Intermittent	325	162	
Flame Resistance	Pass		FMVSS 302
Industry and OEM Specifications: Jacobs and Thompson Inc. certifies that the following product meets the required specifications;	MS-AY432 GMW15473 CLASS 1 TYPE 5 ASTM D 1056-14 2B1 GM 6086M Type IIIA; ASTM D 1056-14 2B1		

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ISO 9001:2015 • ISO/IEC 17025:2017

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