



Worldwide Foam
A Jacobs & Thompson Company

ECF-400

EPDM

This data sheet property values are typical of the material and are intended to provide guidance to customers; they do not constitute a specification and should not be used for specification development.

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Item	Specs	Test Method
Grade	1A0	ASTM D 1056
Density (PCF) (kg/m ³)	4 – 8 PCF 64 – 128 kg/m ³	ASTM D 1056
Compression Deflection @25% (CFD) (psi) (kPa)	1 psi max 6.8 kPa max	ASTM D 1056
Shore Hardness OO (Durometer)	5 – 10	ASTM D 2240
50% Compression Set (%) (Room Temp)	35 Max	ASTM D 1056
Tensile Strength (psi) (kPa)	15 psi min 103 kPa min	ASTM D 412
Elongation %	200 min	ASTM D 412
Tear Strength Resistance (ppi)	2	ASTM D 624
Water Absorption by Weight %	10 max	ASTM D 1056
Accelerated Age Testing Flexibility (180° bend without cracking) Appearance change Change in compression deflection, %	Pass None ± 30	ASTM D 1056
Service Temperature (°F)(°C)	-70 to 250 °F - 56 to 121 °C	ASTM D 746
Flame Resistance	Pass HBF-1 @ 3.3mm & higher	FMVSS 302 UL 94 listed
Industry and OEM Specifications: Jacobs and Thompson Inc. certifies that the following product meets the required specifications;	MS-AY528 MS-AY500- Type A2, B2, C2 GMW15473 Class 1 Type 1 (with exceptions) GMW17408 Class I Type I WSB-M3G102-B TSK6505G-2A WSB-M3G212-A WSB-M3G102-B2	

The data on this technical data sheet should be used as a guideline for product selection. This data is not intended to represent, replace or be used as a proxy for a specific product sales specification. The physical properties are averages based on limited production runs and are subject to change as additional data becomes available.