



Worldwide Foam
A Jacobs & Thompson Company

1231

Elastomeric Rubber Blend

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	2A1 & 2C1		ASTM D 1056
	2A1 & 2C1		SAE J18 APR2002
Density (PCF) (kg/m ³)	4 – 9 PCF 64 - 144 kg/m ³		ASTM D 1056
Compression Deflection (CFD) (psi) (kPa) @25%	2 – 5 psi 13.7 – 34.4 kPa		ASTM D1056
Shore Hardness OO (Durometer)	40 - 60		ASTM D 2240
Compression Set %	≤ 35		ASTM D1056
Tensile Strength (psi)(kPa)	80 psi 551 kPa		ASTM D412 Die A
Elongation (%)	125		ASTM D412 Die A
Tear Strength Resistance (ppi)	17		ASTM D 624 Die C
Water Absorption by Weight %	≤ 5 (10 allowed)		ASTM D 1056
Accelerated Age Testing: 7 Days @ 158 °F Change in CFD	± 30% max		ASTM D1056
Service Temperature (°F)(°C)	°F	°C	
Low	-40	-40	
High Continuous	150	65	
High intermittent	200	93	
Flame Resistance	Pass @ 2.5mm & higher UL listed / pass at 1.5 mm & higher		FMVSS-302 94HF-1
Industry and OEM Specifications: Jacobs and Thompson Inc. certifies that the following product meets the required specifications;	FMVSS302		

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.