



Worldwide Foam
A Jacobs & Thompson Company

2001

Neoprene

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	2C1		ASTM D 1056
Density (PCF) (kg/m ³)	7 – 11 PCF 112 - 176 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)	45 - 55		ASTM D 2240
Compression Set %	≤ 25		ASTM D1056
Tensile Strength (psi)(kPa)	80 psi 551 kPa		ASTM D412 Die A
Elongation (%)	150		ASTM D412 Die A
Tear Strength Resistance (ppi)	14		ASTM D 624 Die C
Water Absorption by Weight %	10 Max		ASTM D1056
Accelerated Age Testing: 7 Days @ 158 °F Change in CFD	± 30%		ASTM D1056
Service Temperature (°F)(°C)	°F	°C	ASTM D1056
Low	-40	-40	
High Continuous	150	65	
High intermittent	200	93	
Flame Resistance	Pass		FMVSS-302
Industry and OEM Specifications: Worldwide Foam certifies that the following product meets the required specifications;	MSZ-75 J18 2C1 ESB M9 P1-A WSK M2D 419 Type 2 GMW17408 Class I Type IV Toyota TSM 1501G 2A1 2C1 SAE J18 APR2002 2C1 Caterpillar 1EO720 D UL 94 HF-1 UL50E / UL 508		

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.