

Technical Data Sheet

Foam | Nitrile | 4117-A

4117-A is a neoprene foam with a density range of 10 – 17 PCF / 160 – 272 kg/m³. This material is primarily used in automotive applications. It comes in black and is a 2B1 grade of foam with a service temperature range of -40 °F to 200 °F. It has fair Ozone resistance, and excellent UV resistance. It has a Fuel B Resistance of 50%.

Item	Specs		Test Method
Grade	2B1 SBE41 II		ASTM D1056 / SAE J18 ASTM D-1056-67 GM6086M/GMN11106
Density (PCF) (kg/m ³)	10 – 17 PCF 160 – 272 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)	30 – 50		ASTM D 2240
Compression Set %			
Tensile Strength (psi)(kPa)	70 psi 482 kPa		ASTM D412
Elongation (%)	200		ASTM D412
Tear Strength Resistance (ppi)			
Water Absorption by Weight %	5		ASTM D 1056
Accelerated Age Testing: Accelerated linear shrinkage (%)	5		
Service Temperature (°F)(°C)	°F	°C	
Low	-40	-40	
High Continuous			
High intermittent	200	93	
Flame Resistance	Pass		FMVSS 302
Industry and OEM Specifications: Jacobs and Thompson Inc. certifies that the following product meets the required specifications;	SAE J18-02 2B1 GM 6086M II GMN11106 II FMVSS302		

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