

Technical Data Sheet

Foam | Neoprene Based | 4119-N

4119-N is a neoprene foam with a density range of 7 – 13 PCF /112 – 208 kg/m³. This material is primarily used in automotive and general industrial applications. It comes in black and is a 2C1 grade of foam with a service temperature range of -70 °F to 200 °F. It has fair Ozone resistance, and excellent UV resistance. It has a Fuel B Resistance of 250%.

Item	Specs		Test Method
Grade	2C1 SCE41 II 2C1		ASTM D1056 / SAE J18 ASTM D-1056-67 GM6086M/GMN11106 TSM1501G
Density (PCF) (kg/m ³)	7 – 13 PCF 112 – 208 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)	60 psi 413 kPa		ASTM D412
Elongation (%)	150		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	-70	-56	
High Continuous			
High intermittent	200	93	
Flame Resistance	Pass Pass		FMVSS 302 ASTM D 6576
Industry and OEM Specifications: Jacobs and Thompson Inc. certifies that the following product meets the required specifications;	SAE J18-02 2C1 GM 6086M II GMN11106 II TSM1501G 2C1 FMVSS302 ASTM D 6576		

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