

Technical Data Sheet

Foam | EPDM / SBR Blend | 4116-LBL

4116-LBL is an EPDM / SBR blended, low density foam with a 3 – 6 PCF / 48 – 96 kg/m³ density range. This material is used primarily in automotive applications. It comes in black and is a 2A1 grade of foam with a service temperature range of - 70 °F to 225 °F. It has good Ozone resistance, fair UV resistance, and excellent Fungus resistance.

Item	Specs		Test Method
Grade	2A1 RE41 II		ASTM D1056 / SAE J18 ASTM D-1056-67 GM6086M/GMN11106
Density (PCF) (kg/m ³)	3 – 6 PCF 48 – 96 kg/m ³		ASTM D 1056
Compression Deflection (CFD) (psi) (kPa) @25%	2 – 5 psi 13.7 – 34.4 kPa		ASTM D 1056
Shore Hardness OO (Durometer)	30 – 45		ASTM D 2240
Compression Set (%) @50%			
Tensile Strength (psi)(kPa)	45 psi 310 kPa		ASTM D 412
Elongation (%)	150		ASTM D 412
Tear Strength Resistance (ppi) (lb/in)			
Water Absorption by Weight (%)	5		ASTM D 1056
Accelerated Age Testing: Accelerated linear shrinkage (%)	10		
Service Temperature (°F)(°C)	°F	°C	
Low	-70	-56	
High Continuous			
High intermittent	225	107	
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 2A1 GM 6086M II GMN11106 II VEF 4 VH-80A100-AA FMVSS302		

REV. 002

REV. DATE: 09/30/18

ISO 9001:2015 • ISO/IEC 17025:2017

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