

Technical Data Sheet

Foam | EPDM | 4115-E

4115-E is an EPDM foam with a density range of 9 – 14 PCF / 144 – 224 kg/m³. This material is used in automotive and general industrial applications. It comes in black and is a 2A1 grade of foam with a service temperature range of -90 °F to 275 °F. This product has excellent Ozone and UV resistance.

Item	Specs		Test Method
Grade	2A1 RE41 II 2A1		ASTM D1056 / SAE J18 ASTM D-1056-67 GM6086M/GMN11106 TSM1501G
Density (PCF) (kg/m ³)	9 – 14 PCF 144 – 224 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 – 50		ASTM D 2240
Compression Set (%) @50%			
Tensile Strength (psi)(kPa)	60 psi 413 kPa		ASTM D 412
Elongation (%)	160		ASTM D 412
Tear Strength Resistance (ppi) (lb/in)			
Water Absorption by Weight (%)	5		ASTM D 1056
Accelerated Age Testing: Accelerated linear shrinkage (%)	5		
Service Temperature (°F)(°C)	°F	°C	
Low	-90	-67	
High Continuous			
High intermittent	275	135	
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 TSM1501G 2A1 FMVSS302		

REV. 002

REV. DATE: 09/30/18

ISO 9001:2015 • ISO/IEC 17025:2017

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