

Technical Data Sheet

Foam | EPDM / SBR Blend | 4216-LDL

4216-LDL is an EPDM / SBR blended, low density foam with a 4.5 – 6.5 PCF / 72 – 104 kg/m³ density range. This material is used primarily in automotive applications. It comes in black and is a 2A2 grade of foam with a service temperature range of - 70 °F to 225 °F. It has good Ozone resistance and fair UV resistance.

Item	Specs		Test Method
Grade	2A2 RE42 II		ASTM D1056 / SAE J18 ASTM D-1056-67 GM6086M
Density (PCF) (kg/m ³)	4.5 – 6.5 PCF 72 – 104 kg/m ³		ASTM D 1056
Compression Deflection (CFD) (psi) (kPa) @25%	5 – 9 psi 34.4 – 62 kPa		ASTM D 1056
Shore Hardness OO (Durometer)	40 – 60		ASTM D 2240
Compression Set (%) @50%			
Tensile Strength (psi)(kPa)	50 psi 344 kPa		ASTM D 412
Elongation (%)	100		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	-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 2A2 GM 6086M II FMVSS302		

REV. 002
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