

### Technical Data Sheet

#### Foam | Neoprene / EPDM / SBR Blend | 4216-SE

4216-SE is a blended neoprene foam with a density range of 5 – 7 PCF / 80 – 112 kg/m<sup>3</sup>. This material is used in automotive, electronic, and general industrial applications. It comes in black and is a 2A2 grade of foam with a service temperature range of - 40 °F to 158 °F. It has good Ozone resistance, and fair UV resistance.

Item	Specs		Test Method
Grade	2A2 SCE42 II		ASTM D1056 / SAE J18 ASTM D-1056-67 GM6086M/GMN11106
Density (PCF) (kg/m <sup>3</sup> )	5 – 7 PCF 80 – 112 kg/m <sup>3</sup>		ASTM D 1056
Compression Deflection (CFD) (psi) (kPa) @25%	5 – 9 psi 34.4 – 62 kPa		ASTM D1056
Shore Hardness OO (Durometer)	40 - 60		ASTM D 2240
Compression Set %			
Tensile Strength (psi)(kPa)	50 psi 344 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	-40	-40	
High Continuous			
High intermittent	158	70	
Flame Resistance	Pass (Self-Extinguishing) Pass (UL Listed) Pass (UL Listed)		FMVSS 302 UL 94 HBF UL 94 HF1
<b>Industry and OEM Specifications:</b> Jacobs and Thompson Inc. certifies that the following product meets the required specifications;	SAE J18-02 2A2 GM 6086M II GMN11106 II FMVSS302 UL94 HBF UL94 HF1		

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