

### Technical Data Sheet

#### Foam | Neoprene Based | 4219-NEU

4219-NEU is a neoprene foam with a density range of 8 – 14 PCF / 128 – 224 kg/m<sup>3</sup>. This material is primarily used in automotive and general industrial applications. It comes in black and is a 2C2 grade of foam with a service temperature range of -70 °F to 200 °F. This material is a UL Recognized Component for Gasket Materials; File No. JMST 2. It has fair Ozone resistance, and excellent UV resistance. It has a Fuel B Resistance of 250%.

Item	Specs		Test Method
Grade	2C2 SCE42 II 2C2		ASTM D1056 / SAE J18 ASTM D-1056-67 GM6086M/GMN11106 TSM1501G
Density (PCF) (kg/m <sup>3</sup> )	8 – 14 PCF 128 – 224 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)	70 psi 482 kPa		ASTM D412
Elongation (%)	130		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 D6576
<b>Industry and OEM Specifications:</b> Jacobs and Thompson Inc. certifies that the following product meets the required specifications;	SAE J18-02 2C2 GM 6086M II GMN11106 II TSM1501G 2C2 FMVSS302 ASTM D 6576		

REV. 002  
REV. DATE: 09/30/18  
ISO 9001:2015 • ISO/IEC 17025:2017

Jacobs & Thompson cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products, may be used. We accept no responsibility for results obtained by the application of the information or the safety and suitability of our products, either alone or in combination with other products. Unless otherwise agreed in writing, we sell the products without warranty and users are advised to make their own tests to determine the safety and suitability of each such product or product combination for their own purpose.

Head Office: 89 Kenhar Drive,  
Ontario M9L 2R3  
Tel: (416) 749-0600  
info@foamparts.com  
FoamParts.com