

Technical Data Sheet

Foam | Neoprene / EPDM / SBR Blend | 4511-N

4511-N is a blended neoprene foam with a density range of 12 – 20 PCF / 192 – 320 kg/m³. This material is primarily used in automotive and general industrial applications. It comes in black and is a 2A5 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	2A5 SCE45 IIIB		ASTM D1056 / SAE J18 ASTM D-1056-67 GM6086M/GMN11106
Density (PCF) (kg/m ³)	12 – 20 PCF 192 – 320 kg/m ³		ASTM D 1056
Compression Deflection (CFD) (psi) (kPa) @25%	17 – 24 psi 117 – 165 kPa		ASTM D1056
Shore Hardness OO (Durometer)	65 - 70		ASTM D 2240
Compression Set %			
Tensile Strength (psi)(kPa)	90 psi 620 kPa		ASTM D412
Elongation (%)	100		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	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 2A5 GM 6086M IIIB GMN11106 IIIB FMVSS302		

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