

### Technical Data Sheet

#### Foam | EPDM / Butyl Blend | 4178-E

4178-E is a 2A1 grade of EPDM / Butyl foam with a 6 – 8 PCF / 96 – 128 kg/m<sup>3</sup> density range. This foam is produced in natural color.

Item	Specs		Test Method
Grade	2A1		ASTM D1056
Density (PCF) (kg/m <sup>3</sup> )	6 – 8 PCF 96 – 128 kg/m <sup>3</sup>		ASTM D 1056
Compression Deflection (CFD) (psi) (kPa) @25%	2 – 5 psi 13.7 – 34.4 kPa		ASTM D 1056
Shore Hardness OO (Durometer)			ASTM D 2240
Compression Set (%) @50%			
Tensile Strength (psi)(kPa)	30 – 40 psi 206 – 275 kPa		ASTM D 412
Elongation (%)	120		ASTM D 412
Tear Strength Resistance (ppi) (lb/in)			
Water Absorption by Weight (%)	5		ASTM D 1056
Accelerated Age Testing: Oven Aged 25% Compression Deflection (7 days/70°C)	± 10%		ASTM D 1056
Service Temperature (°F)(°C) Low High Continuous High intermittent	°F	°C	
Flame Resistance			
Industry and OEM Specifications: Jacobs and Thompson Inc. certifies that the following product meets the required specifications;	ASTM D1056 2A1		

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