

Technical Data Sheet

Foam | Polyether Urethane | 1716

Our 1716 polyether urethane foam is a 1.45 - 1.5 PCF / 23.2 – 24 kg/m³ open cell material designed for use in the automotive industry as well as general manufacturing applications. This material meets the FMVSS302 FR standard as well as CAL 117A. It has a Resilience Rating of 35 min and a Modulus rating of 1.95.

Item	Specs		Test Method
Grade			
Density (PCF) (kg/m ³)	1.45 – 1.50 PCF 23.2 – 24 kg/m ³		ASTM D3574
IFD (lbs/50in ²)	42 - 48		ASTM D3574
Shore Hardness OO (Durometer)			
Compression Set (%)	8 max		ASTM D 3574
Tensile Strength (psi)(kPa)	17 psi min 117 kPa		ASTM D3574
Elongation (%)	155 min		ASTM D3574
Tear Strength Resistance (lb/in)	1.8 min		ASTM D3574
Water Absorption by Weight			
Accelerated Age Testing:			
Service Temperature (°F)(°C)	°F	°C	
Low			
High Continuous			
High intermittent			
Flame Resistance	SE Pass		FMVSS 302 CAL. 117A BULLETIN
Industry and OEM Specifications: Jacobs and Thompson Inc. certifies that the following product meets the required specifications;	FMVSS302 CAL117A Bulletin		

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 ISO 9001:2015 • ISO/IEC 17025:2017

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