

Technical Data Sheet

Foam | Polyether Urethane | 1715

Our 1715 polyether urethane foam is a 1.4 - 1.5 PCF / 22.4 – 24 kg/m³ open cell material and can be used a large range of applications. This foam provides breathability and flexibility between surfaces. This material is not an automotive grade foam. It has a Resilience rating of 45 and a Modulus rating of 1.95.

Item	Specs		Test Method
Grade			
Density (PCF) (kg/m ³)	1.4 - 1.5 PCF 22.4 – 24 kg/m ³		ASTM D3574
IFD (lbs/50in ²)	44 – 50		ASTM D3574
Shore Hardness OO (Durometer)			
Compression Set (%)	8 max		ASTM D 3574
Tensile Strength (psi)(kPa)	16 psi min 110 kPa min		ASTM D3574
Elongation (%)	170 min		ASTM D3574
Tear Strength Resistance (ppi)	1.8 min		ASTM D3574
Water Absorption by Weight			
Accelerated Age Testing: Retention of tensile strength after 22 hours, 140 °C, dry heat aging (%)			
Service Temperature (°F)(°C)	°F	°C	
Low			
High Continuous			
High intermittent			
Flame Resistance			
Industry and OEM Specifications: Jacobs and Thompson Inc. certifies that the following product meets the required specifications;			

REV. 005

REV. DATE: 09/30/18

ISO 9001:2015 • ISO/IEC 17025:2017

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