

Technical Data Sheet

Foam | Polyether Urethane | 1727

Our 1727 polyether urethane foam is a 1.5 PCF / 24 kg/m³ open cell material designed for use in a wide range of applications for the automotive industry. This material meets the FMVSS302 FR standard. This product contains additives to hinder microbial growth and degradation.

Item	Specs		Test Method
Grade			
Density (PCF) (kg/m ³)	1.35 – 1.65 PCF 21.6 – 26.4 kg/m ³		ASTM D3574
IFD @ 25% Deflection, min. 65% Deflection, min.	22 - 36 lbs/50 in ² 40 - 72 lbs/50 in ²		ASTM D3574
Shore Hardness OO (Durometer)			
Compression Set (%)			
Tensile Strength (psi)(kPa)	11.6 psi 80 kPa		ASTM D3574
Elongation (%)	125 min		ASTM D3574
Tear Strength Resistance (pli)	1		ASTM D3574
Water Absorption by Weight			
Accelerated Age Testing: Retention of Tensile Strength after 22hrs, 140°C, dry heat aging	75 % min.		ASTM D3574
Service Temperature (°F)(°C) Low High Continuous High intermittent	°F	°C	
Flame Resistance	Pass		FMVSS302-S4.3
Industry and OEM Specifications: Jacobs and Thompson Inc. certifies that the following product meets the required specifications;	GMW14196-1A ESB-M2D304 A, B MSAY 301A MSAY 349 TSK-6712G-1A4		

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