

Specifications

- Fine-celled, low compression-set, high density polyurethane foam
- Good shock absorption and vibration isolation
- Low outgassing
- Good dimensional stability
- Durable for gasketing, padding and sealing applications

Physical Properties

Physical Property	Test Method	Unit	Value
Density (nominal)	ASTM D3574	pcf	20
Flammability		UL HBF MVSS302	Listed Meets
Volume Resistivity	ASTM D257	ohms	1.3 x 10 ¹¹
Hardness: 15 sec post impact	ASTM D2240	Type 0	19
Hardness: 15 sec post impact	ASTM D2240	Type 00	58
Brittleness Temperature	ASTM D746	°F	-62
Sealing*		UL 50 UL 508 UL 514B	Listed Listed Listed
Compression Set: 50% Compression	ASTM D1667: 22 hr @ 23C	%	0.19
Compression Set: 50% Compression	ASTM D3574: 22 hr @ 70C	%	1.3
Compression Set: 50% Compression	ASTM D3574: 5 hr autoclave @ 121C	%	2.2
Compression Load Deflection: 25%	ASTM D3574	psi	12
Compression Load Deflection: 50%	ASTM D3574	psi	23
Tensile Strength	ASTM D3574	psi	125
Tear Strength	ASTM D624	lbf/in	12
Temperature Range	Normal Operating	°F	-40 to 225
Recommended Max Intermittent		°F	248
Outgassing	ASTM D595 Modified**	Weight Loss, % Volatile Condensable Material, %	4.4 1.6
Corrosion Resistance	ASTM D3568		Excellent
Cold Flexibility	AMS D149: 4 hr @ 0°F		Passes
Dielectric Strength	ASMT D149	V/mil	56
RoHS Compliant			Yes

*Qualified for mfrd or natural gas; diesel fuel or lubricating oil; liquefied petroleum gas; under UL157 test standards

**Per Ball Aerospace BASG 33074 24 Hr at 10-5 Torr & 70C

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