

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 | 15 |
| 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 | 12 |
| Hardness: 15 sec post impact | ASTM D2240 | Type 00 | 50 |
| 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 | % | 3.0 |
| Compression Set: 50% Compression | ASTM D3574: 5 hr autoclave @ 121C | % | 1.4 |
| Compression Load Deflection: 25% | ASTM D3574 | psi | 7 |
| Compression Load Deflection: 50% | ASTM D3574 | psi | 15 |
| Tensile Strength | ASTM D3574 | psi | 85 |
| Tear Strength | ASTM D624 | lbf/in | 8.0 |
| Temperature Range | Normal Operating | °F | -40 to 225 |
| Recommended Max Intermittent | | °F | 248 |
| Outgassing | ASTM D595 Modified** | Weight Loss, % Volatile Condensable Material, % | 4.4 1.9 |
| 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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