

PRODUCT: AF-002

REV050823NT

PRODUCT DESCRIPTION: Acoustic open-cell polyester foam.

| Physical Property | Description - Value | |
|---|---|------------------------|
| Material | Polyester Polyurethane Foam | |
| Color | Charcoal | |
| Available Thicknesses | 0.125 in (3.18 mm) - 4.0 in (102 mm) | |
| Density | 4.00 lb/ft ³ (628 N/m ³) +/- 0.10% | |
| | Minimum | Average |
| Tensile Strength | 16.0 psi (110 kPa) | 23.0 psi (159 kPa) |
| Elongation | 150% | 230% |
| Tear Resistance | 1.50 lb/in (2.63 N/cm) | 2.30 lb/in (4.03 N/cm) |
| Indentation Force Deflection 25% Deflection | 1.1 psi (7.6 kPa) | 1.3 psi (8.9 kPa) |
| Indentation Force Deflection 65% Deflection | 2.2 psi (15.2 kPa) | 3.0 psi (20.7 kPa) |
| Retention of Tensile Strength after 5 hours, 120°C, Steam Autoclave | 70% minimum | |
| Retention of Tensile Strength after 22 hours, 140°C, Dry Heat Aging | 70% minimum | |
| Flammability | FMVSS 302, UL 94 HF-1 | |

Test Methods: ASTM-D3574-[latest revision]. Standard Methods of Testing Flexible Cellular Materials – Slab, Bonded, and Molded Urethane Foam.

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