

2.5lb Polyether Polyurethane

Typical Properties

Physical Property	Test Results
Density	2.5 ± 10% lbs/ft ³ 40.05 ± 10% kg/m ³
Tensile Strength	25psi (min), 35psi (avg) 172kPa (min), 241kPa (avg)
Elongation	100% (min), 125% (avg)
Compression Force Deflection	
25% Deflection	1.25psi (min), 1.5 psi (avg) 8.6kN/M ² (min), 10.3kN/M ² (avg)
50% Deflection	1.35psi (min), 2.25 psi (avg) 9.3kN/M ² (min), 15.5kN/M ² (avg)
70% Deflection	3.0psi (min), 3.8 psi (avg) 20.7kN/M ² (min), 26.2kN/M ² (avg)
Retention of Tensile Strength after 5 hours, 120°C, Steam Autoclave	Min 70%
Retention of tensile strength after 22 hours, 140°C, Dry Heat Aging	Min 70%

Meets the Requirements of RoHS through June 2013 Revision of SVHC (Restriction of Hazardous Substances European Union Directive – 2002/95/EC)

Compliant with European union REACH (Registration, Evaluation and Authorization of Chemical Substances - EC1907/2006)

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

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