

Typical Properties of HyPUR-cel® S1005

| Polymer | Polyurethane | | | |
|----------------------------|--------------|--------|------------|-----------|
| Physical Property | Test Method | Units | Typical | Tolerance |
| Density | ASTM D3574 | pcf | 10 | 8 - 12 |
| Compression Deflection 25% | ASTM D1056 | psi | 5 | 3 - 7 |
| Compression Set 50% | ASTM D1056 | % | 2 | 5 max |
| 25% CFD | ASTM D3574 | psi | 3.7 | N/A |
| Tensile Strength | ASTM D3574 | psi | 140 | N/A |
| Elongation | ASTM D3574 | % | 305 | N/A |
| Tear Strength | ASTM D624 | lb./in | 2.18 | N/A |
| Resilience | ASTM D2632 | % | 18 | N/A |
| Service Temperature | N/A | F | -67 to 250 | |

Product Availability

- Standard 60 inch (1.52 meter) wide rolls with capabilities to produce in various widths.
- Available in 50 feet (15.24 meters)' and 100 feet (30.48 meters) lengths, skived to custom thicknesses.
- Available with adhesives, laminated fabrics , films, custom coatings or composites.
- Various color options available with the ability to custom color match using our fully reacted colorants.
- Other additives, such as anti-microbial and flame retardants, are available depending upon volume.

Characteristics

- Breathable
- Thermoformable
- Low Compression Set
- High Stretch
- Dimensionally Stable

Disclaimer: This information is furnished as a guide for selecting materials. Rubberlite Inc. makes no warranties, expressed or implied, of merchantability with respect to the goods or that such goods are fit for any particular purpose. It is the customer's responsibility to obtain and test samples when determining suitability of material for a particular application.

