

Provisional Typical Properties of R2580T

Polymer	Polyurethane		
Physical Property	Test Method	Result (US Units)	Result (Metric Units)
Density	ASTM D3574	21 – 30 pcf	336.3 – 480.5 kg/m ³
Compression Deflection 25%	ASTM D1056	60 – 100 psi	413.6 – 689.4 kPa
Compression Set 50%	ASTM D1056	2.5%	2.5%
Tensile Strength	ASTM D3574	360 psi	2482.1 kPa
Elongation	ASTM D3574	260 %	260 %
Tear Strength	ASTM D624	62 lb./in Min	10.8 kN/m Min
Resilience	ASTM D2632	49%	
Service Temperature	-40 to 250 F		

Product Availability

- Standard 48 inch (1.21 meter) wide rolls with capabilities to produce in various widths.
- Available in 50 feet (15.24 meters) and 75 feet (22.86 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 on sales opportunities and volume.

Characteristics

- Breathable
- Excellent Compression Fatigue Properties
- Excellent Stress Relaxation Resistance
- Low Compression Set
- Low Hysteresis Loss
- Dimensionally Stable
- High Tensile and Tear Strength

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.

