

Typical Properties of V0542

Polymer	Polyurethane		
Physical Property	Test Method	Result (US Units)	Result (Metric Units)
Density	ASTM D3574	4 -7 pcf	64 – 112 kg/m ³
IFD 25%	ASTM D3574	37 – 47 lbs	165- 209 N
CFD 25%	ASTM D3574	.71 psi	4.89 kPa
Compression Set 50%	ASTM D1056	3% Max	3% Max
Compression Set 50%	ASTM D3574	5% Max	5% Max
Tensile Strength	ASTM D3574	45 psi	241.3 kPa
Elongation	ASTM D3574	240%	270%
Tear Strength	ASTM D624	8 lb./in	1.4 kN/m
Resilience	ASTM D2632	5.5 %	5.5 %
Service Temperature	-40 to 250 F		

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 on sales opportunities and volume.

Characteristics

- Impact Resistant
- Breathable
- Low Compression Set
- High Stretch
- Dimensionally Stable
- Low Resiliency
- Exceptional Compression Fatigue

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.

