

Typical Properties of V4.0 STD

Polymer	Crosslinked Polyethylene		
Physical Property	Test Method	Result (US Units)	Result (Metric Units)
Density	ASTM D3575	4 pcf	64 Kg/m ³
Compression Deflection 25%	ASTM D3575	21.2 psi	146 kPa
Compression Set 50%	ASTM D3575	12.5%	12.5%
Water Absorption	ASTM D3575	.029 lbs/ft ²	.141 kg/m ²
Tensile Strength	ASTM D3575	99 psi	683 kPa
Elongation	ASTM D3575	306%	306%
Tear Strength	ASTM D3575	21.8 lb/in	3.81 kN/m
Durometer Shore OO	ASTM D2240	71	71
Thermal Stability	ASTM D3575	2%	2%
Flammability	FMVSS-302	Pass @ .250" or Thicker	
Service Temperature	-76 to 194 F		
Thermal Conductivity	N/A	K Factor .30	

Contact customer service for specification inquiries.

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.