

## Typical Properties of 2AF Volara®

Polymer	Crosslinked Polyethylene		
Physical Property	Test Method	Result (US Units)	Result (Metric Units)
Density	ASTM D3575	2 pcf	32 kg/m <sup>3</sup>
Compression Deflection 25%	ASTM D3575	5 psi	34.4 kPa
Compression Set 50%	ASTM D3575	33%	33%
Tensile Strength MD	ASTM D3575	59 psi	406.7 kPa
Tensile Strength CD	ASTM D3575	34 psi	234.4 kPa
Elongation MD	ASTM D3575	111%	111%
Elongation CD	ASTM D3575	96%	96%
Tear Strength MD	ASTM D3575	6 lb/in	1.05 kN/m
Tear Strength CD	ASTM D3575	11 lb/in	1.92 kN/m
Thermal Stability	ASTM D3575	-1.3%	-1.3%
Water Absorption	ASTM D3575	.04 lb/ft <sup>2</sup>	.195 kg/m <sup>2</sup>
Thermal Conductivity	N/A	K Factor .25	
Flammability	FMVSS-302	Pass @ .125" or Thicker	
Service Temperature	-110 to 158F		

UL Listings <sup>1</sup>	
Flammability <sup>1</sup>	UL-94 HF-1

Contact customer service for specification inquiries and UL Information.

*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.*

