Rubberlite Incorporated

Argent

Typical Properties of

2A Volara®

Polymer	Crosslinked Polyethylene		
Physical Property	**Test Method**	**Result (US Units)**	**Result (Metric Units)**
Density	ASTM D3575	2 pcf	32 kg/m^3
Compression Deflection 25%	ASTM D3575	5 psi	34.4 kPa
Compression Set 50%	ASTM D3575	31%	31%
Tensile Strength MD	ASTM D3575	69 psi	475.7 kPa
Tensile Strength CD	ASTM D3575	42 psi	289.5 kPa
Elongation MD	ASTM D3575	136%	136%
Elongation CD	ASTM D3575	111%	111%
Tear Strength MD	ASTM D3575	7 lb/in	1.22 kN/m
Tear Strength CD	ASTM D3575	12 lb/in	2.1 kN/m
Thermal Stability	ASTM D3575	-1.42%	-1.42%
Water Absorption	ASTM D3575	.04 lb/ft^2	.195 kg/m^2
Shore A	ASTM D2240	7	7
Shore OO	ASTM D2240	51	51
Service Temperature	-110 to 158F		

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.