

Typical Properties of 6EO Volara®

Polymer	Crosslinked Polyethylene/EVA Blend		
Physical Property	Test Method	Result (US Units)	Result (Metric Units)
Density	ASTM D3575	6pcf	32 kg/m ³
Compression Deflection 25%	ASTM D3575	8 psi	55.1 kPa
Compression Set 50%	ASTM D3575	6%	6%
Tensile Strength MD	ASTM D3575	262 psi	1806.4 kPa
Tensile Strength CD	ASTM D3575	185psi	1275.5 kPa
Elongation MD	ASTM D3575	371%	371%
Elongation CD	ASTM D3575	393%	393%
Tear Strength MD	ASTM D3575	29 lb/in	5.07 kN/m
Tear Strength CD	ASTM D3575	34 lb/in	5.95 kN/m
Thermal Stability	ASTM D3575	-.8%	-.8%
Water Absorption	ASTM D3575	.04 lb/ft ²	.195 kg/m ²
Shore A	ASTM D2240	17	17
Shore OO	ASTM D2240	59	59
Thermal Conductivity	N/A	K Factor .32	
Service Temperature	-40 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.

