

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 ³
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 ²	.195 kg/m ²
Flammability	FMVSS-302	Pass @ .125" or Thicker	
Service Temperature	-110 to 158F		

UL Listings ¹	
Flammability ¹	UL-94 HF-1

Contact customer service for specification inquiries and UL Information.

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