

TYPICAL PROPERTIES OF
6EO VOLARA®

POLYMER

CROSSLINKED POLYETHELENE/ EVA BLEND

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	TYPICAL PROPERTY
DENSITY	ASTM D3575	pcf Kg/m ³	6 96.1
COMPRESSION DEFLECTION 25%	ASTM D3575	psi kPa	8 55.1
COMPRESSION DEFLECTION 50%	ASTM D3575	psi kPa	21 144.7
TENSILE STRENGTH	ASTM D3575	psi	MACHINE - 220 CROSS - 162
ELONGATION	ASTM D3575	%	MACHINE - 331 CROSS - 375
TEAR STRENGTH	ASTM D3575	lb/in	MACHINE - 27 CROSS - 33
COMPRESSION SET 50%	ASTM D3575	%	6
WATER ABSORPTION	ASTM D3575	lb/ft ²	.04
COLOR	N/A	N/A	WHITE / BLACK

SPECIFICATIONS	
FLAMMABILITY SPECIFICATIONS	
FMVSS-302.....PASS .250" or Thicker	
ADDITIONAL INFORMATION	
Service Temperature	-40°F to 160°F
Thermal Conductivity	.32 Btu-in/hr-Ft ² -°F

For updates to this document, please refer to our website or contact customer service.

This information is furnished as a guide for selecting materials. Rubberlite Inc. disclaims liability for results or use of this information. It is the customer's responsibility to obtain and test samples when determining suitability of material for a particular application.

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