

TYPICAL PROPERTIES OF
2AF VOLARA®

POLYMER

CROSSLINKED POLYETHELENE

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	TYPICAL PROPERTY
DENSITY	ASTM D3575	pcf Kg/m ³	2 32
COMPRESSION DEFLECTION 25%	ASTM D3575	psi kPa	5 34.5
COMPRESSION DEFLECTION 50%	ASTM D3575	psi kPa	13 89.6
TENSILE STRENGTH	ASTM D3575	psi	MACHINE - 59 CROSS - 34
ELONGATION	ASTM D3575	%	MACHINE - 111 CROSS - 96
TEAR STRENGTH	ASTM D3575	lb/in	MACHINE - 6 CROSS - 11
COMPRESSION SET 50%	ASTM D3575	%	33
WATER ABSORPTION	ASTM D3575	lb/ft ²	.04
COLOR	N/A	N/A	WHITE / BLACK

SPECIFICATIONS
Ford ESA-M8G53-A
FLAMMABILITY SPECIFICATIONS
FMVSS-302.....PASS FAR 25.853 F Part 1 (a)(1)(ii)PASS UL-94 HF1.....PASS CAL 117PASS ASTM E84-03 Flame Spread Index.....5 ASTM E84-03 Smoke Developed Index75
ADDITIONAL INFORMATION
Service Temperature -40°F to 160°F Thermal Conductivity .25 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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Issue Date: 9/23/14