

TYPICAL PROPERTIES OF
4A VOLARA®

POLYMER

CROSSLINKED POLYETHELENE

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	TYPICAL PROPERTY
DENSITY	ASTM D3575	pcf Kg/m ³	4 64
COMPRESSION DEFLECTION 25%	ASTM D3575	psi kPa	8 55.1
COMPRESSION DEFLECTION 50%	ASTM D3575	psi kPa	20 137.9
TENSILE STRENGTH	ASTM D3575	psi	MACHINE - 132 CROSS - 82
ELONGATION	ASTM D3575	%	MACHINE - 177 CROSS - 135
TEAR STRENGTH	ASTM D3575	lb/in	MACHINE - 15 CROSS - 24
COMPRESSION SET 50%	ASTM D3575	%	15
WATER ABSORPTION	ASTM D3575	lb/ft ²	.04
COLOR	N/A	N/A	WHITE / BLACK

SPECIFICATIONS	
Chrysler MSAY512-A.....	Type 3
GMP.PE.056.....	Type 2
Contact customer service for exceptions.	
FLAMMABILITY SPECIFICATIONS	
FMVSS-302.....	PASS .125" or Thicker
ADDITIONAL INFORMATION	
Service Temperature	-40°F to 160°F
Thermal Conductivity	.30 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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