



**TYPICAL PROPERTIES OF  
2A VOLARA®**

**POLYMER**

**CROSSLINKED POLYETHELENE**

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	TYPICAL PROPERTY
DENSITY	ASTM D3575	pcf Kg/m <sup>3</sup>	2 32
COMPRESSION DEFLECTION 25%	ASTM D3575	psi kPa	5 34.5
COMPRESSION DEFLECTION 50%	ASTM D3575	psi kPa	15 103.4
TENSILE STRENGTH	ASTM D3575	psi	MACHINE - 64 CROSS - 38
ELONGATION	ASTM D3575	%	MACHINE - 142 CROSS - 99
TEAR STRENGTH	ASTM D3575	lb/in	MACHINE - 7 CROSS - 12
COMPRESSION SET 50%	ASTM D3575	%	24
WATER ABSORPTION	ASTM D3575	lb/ft <sup>2</sup>	.04
COLOR	N/A	N/A	WHITE / BLACK

Chrysler MSAY512-A.....Type 2 GMP.PE.056.....Type 1 Contact customer service for exceptions.
FMVSS-302.....PASS .312" or Thicker
Service Temperature           -40°F to 160°F Thermal Conductivity       .25 Btu-in/hr-Ft <sup>2</sup> -F

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