

**TYPICAL PROPERTIES OF
2AF VOLARA**

POLYMER

CROSS-LINKED POLYETHYLENE

FLAMMABILITY SPECIFICATIONS

UL-94-HF-1.....LISTED
FMVSS-302.....PASS

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT
COMPRESSION DEFLECTION @25%	ASTM D3575	psi kPa	4 27.58
DENSITY	ASTM D3575	pcf g/cm ³	1.8-2.2 .029-.035
WATER ABSORPTION MAX.	ASTM D1667	lb/ft ² OF CUT SURFACE	.04
TENSILE STRENGTH	ASTM D3575	psi kPa	M= 60 CM= 31 413 213
ELONGATION	ASTM D3575	%	M= 103 CM= 80
THERMAL STABILITY 3 HRS @ 158°F	ASTM D3575	%	M= -1.5 CM= -1.0
THERMAL CONDUCTIVITY	ASTM C 177-85	K FACTOR @70°F	.25
COLOR	N/A	N/A	WHITE/BLACK

M= MACHINE DIRECTION
CM= CROSS MACHINE DIRECTION

PRODUCT CHARACTERISTICS:		
FLAME RESISTANT	SMOOTH SKIN	LOW WATER ABSORPTION
GOOD THERMAL INSULATOR	EXCELLENT CHEMICAL RESISTANCE	CONTINUOUS ROLLS

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.

Issue 1 5/13/10