



Fuzion 3.0 lb/ft³ SEV

48 kg/m³

Effective Date: 10/3/2016

PHYSICAL PROPERTIES		TEST METHOD	IMPERIAL UNITS	VALUES	METRIC UNITS	VALUES
Density - Nominal		ASTM D3575 - Suffix W	lb/ft ³	3	kg/m ³	48
Tensile Strength	MD	ASTM D3575 - Suffix T	PSI	72.3	kPa	499
Tensile Strength	TD	ASTM D3575 - Suffix G		60.4		416
Tear strength	MD	ASTMD3575 - Suffix T	lbf/in	19.0	N/mm	3.33
Tear strength	TD	ASTM D3575 - Suffix G		19.6		3.43
Elongation at Break	MD	ASTM D3575 - Suffix T	%	228	%	228
Elongation at Break	TD	ASTM D3575 - Suffix T		223		223
Shore Hardness		ASTM D2440	00	58	00	58
Compression Deflection	25%	ASTM D3575 - Suffix D	PSI	6.77	kPa	46.7
	50%		PSI	16.1		111
Compression Set	50%, 24 hrs	ASTM D3575 - Suffix B	%	19	%	19
Working Temperature Range			°F	-76 / 176	°C	-60 / 80
Flammability, > 1/4"		FMVSS302	inches/min	< 4	mm/min	< 100
Thermal Stability, 24 hrs at 158°F (70°C)		ASTM D3575 - Suffix S	%	2	%	2

Fuzion is a closed cell chemically crosslinked polyethylene foam in roll form.
SDS sheets available upon request.

Data represents typical values and should be considered as a guideline only.

Imperial data is converted from the metric results measured by testing according to ASTM standards.

The information above on FUZION chemically crosslinked polyethylene foam is presented to the best of our knowledge.

Canadian Operations: 840 Division St. Cobourg, ON Canada, K9A 5V2
 Palziv NA Manufacturing Headquarters: 7966 NC 56 Hwy Louisburg, NC 27549
 Phone: 919.497.0010 Fax: 919.496.2523
www.palzivna.com