



Fuzion 3.0 lb/ft<sup>3</sup> STD

48 kg/m<sup>3</sup>

Effective Date: 1/29/2016

PHYSICAL PROPERTIES		TEST METHOD	IMPERIAL UNITS	VALUES	METRIC UNITS	VALUES
Density - Nominal		ASTM D3575 - Suffix W	lb/ft <sup>3</sup>	3.0	kg/m <sup>3</sup>	48
Tensile Strength	MD	ASTM D3575 - Suffix T	PSI	66.2	kPa	456
Tensile Strength	TD	ASTM D3575 - Suffix G		56.8		391
Tear strength	MD	ASTMD3575 - Suffix T	lbf/in	16.6	N/mm	2.91
Tear strength	TD	ASTM D3575 - Suffix G		17.5		3.06
Elongation at Break	MD	ASTM D3575 - Suffix T	%	153	%	153
Elongation at Break	TD	ASTM D3575 - Suffix T		159		159
Shore Hardness		ASTM D2440	00	60	00	60
Compression Deflection	25%	ASTM D3575 - Suffix D	PSI	7.69	kPa	53.0
	50%		PSI	16.8		116
Compression Set	50%, ½ hr	ASTM D3575 - Suffix B	%	39	%	39
	50%, 24 hrs			21		21
Working Temperature Range			°F	-76 / 194	°C	-60 / 90
Water Absorption, 7 days		DIN 53428	% Vol (max)	1	% Vol (max)	1
Flammability, > 1/4"		FMVSS302	4"/min	PASS	100mm/min	PASS
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.

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