



Fuzion 6.0 lb/ft<sup>3</sup> STD

96 kg/m<sup>3</sup>

Effective Date: 1/13/2014

PHYSICAL PROPERTIES		TEST METHOD	IMPERIAL UNITS	VALUES	METRIC UNITS	VALUES
Density - Nominal		ASTM D3575 - Suffix W	lb/ft <sup>3</sup>	6.0	kg/m <sup>3</sup>	96
Tensile Strength	MD	ASTM D3575 - Suffix T	PSI	139	kPa	958
Tensile Strength	TD	ASTM D3575 - Suffix G		118		814
Tear strength	MD	ASTMD3575 - Suffix T	lbf/in	38.2	N/mm	6.69
Tear strength	TD	ASTM D3575 - Suffix G		39.9		6.99
Elongation at Break	MD	ASTM D3575 - Suffix T	%	190	%	190
Elongation at Break	TD	ASTM D3575 - Suffix T		191		191
Shore Hardness		ASTM D2440	A	33	A	33
Compression Deflection	25%	ASTM D3575 - Suffix D	PSI	17.7	kPa	122
	50%		PSI	32.9		227
Compression Set	25%, ½ hr	ASTM D3575 - Suffix B	%	6	%	6
	25%, 24 hrs			3		3
	50%, ½ hr			31		31
	50%, 24 hrs			11		11
Working Temperature Range		Internal	°F	-76 / 194	°C	-60 / 90
Water Absorption, 7 days		Internal	% Vol (max)	1	% Vol (max)	1
Thermal Conductivity, 50°F (10°C)		ASTM C177	Btu·in/hr·ft <sup>2</sup> ·°F	Pending	W/m·K	Pending
Thermal Conductivity, 104°F (40°C)		ASTM C177	Btu·in/hr·ft <sup>2</sup> ·°F	Pending	W/m·K	Pending
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.  
MSDS 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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