Fuzion 2.0 lb/ft^3 STD/FRH2 32 kg/m^3

Effective Date: 3/18/2014

PHYSICAL PROPERTIES		TEST METHOD	IMPERIAL UNITS	VALUES	METRIC UNITS	VALUES
Density - Nominal		ASTM D3575 - Suffix W	lb/ft³	2.0	kg/m³	32
Tensile Strength	MD	ASTM D3575 - Suffix T	PSI	43.6	kPa	301
Tensile Strength	TD	ASTM D3575 - Suffix G		38.7		269
Tear strength	MD	ASTMD3575 - Suffix T	lbf/in	12.2	N/mm	2.14
Tear strength	TD	ASTM D3575 - Suffix G		12.7		2.22
Elongation at Break	MD	ASTM D3575 - Suffix T	%	162	%	162
Elongation at Break	TD	ASTM D3575 - Suffix T		172		172
Shore 00		ASTM D2440	00	52	00	52
Compression Deflection	25%	ASTM D3575 - Suffix D	PSI	5.7	kPa	39
	50%		PSI	14.0		97
Compression Set	25% ½hr	ASTM D3575 - Suffix B	%	13	%	13
	25% 24hr			6		6
	50% ½hr			35		35
	50% 24hr			25		25
Working Temperature Range		Internal	ºF	-76 / 194	ºC	-60 / 90
Water Absorption 7 days		Internal	% Vol (max)	1	% Vol (max)	1
Thermal Conductivity at 50ºF (10ºC)		ASTM C177	Btu·in/hr·ft²·°F	N/A	W/m·K	N/A
Thermal Conductivity at 104ºF (40ºC)		ASTM C177	Btu·in/hr·ft²·°F	N/A	W/m·K	N/A
Flammability		FMVSS302	4"/min	PASS	100 mm/min	PASS
Flammability		TSM0500G C-1	3.14"/min	PASS	80 mm/min	PASS
Flammability		HES C206 12 (Rev 8)	3.19"/min	PASS	81 mm/min	PASS
Thermal Stability 24 HRS at 158ºF (70ºC)		ASTM D3575 - Suffix S	%	2	%	2

FUZION is a closed cell chemically crosslinked polyethylene foam in roll form.
Maximum width of 80 inches (trimmed).
Maximum laminated height up to 2 inches.
MSDS sheets available upon request.
Standard Colors: Gray, Black, Natural

Data represents typical values and should be considered as a guideline only.
Flammability test results available upon request.
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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