



Fuzion 4.0 lb/ft³ MDR/FRH2

Effective Date: 12/11/2017

PHYSICAL PROPERTIES		TEST METHOD	IMPERIAL UNITS	VALUES	METRIC UNITS	VALUES
Density - Nominal		ASTM D3575 - Suffix W	lb/ft ³	4.0	kg/m ³	64
Tensile Strength	MD	ASTM D3575 - Suffix T	PSI	107	kPa	737
Tensile Strength	TD	ASTM D3575 - Suffix G		83		572
Tear strength	MD	ASTMD3575 - Suffix T	lbf/in	24.4	N/mm	4.27
Tear strength	TD	ASTM D3575 - Suffix G		27.2		4.76
Elongation at Break	MD	ASTM D3575 - Suffix T	%	157	%	157
Elongation at Break	TD	ASTM D3575 - Suffix T		156		156
Shore Hardness		ASTM D2440	00	71	00	71
Compression Deflection	25%	ASTM D3575 - Suffix D	PSI	12.3	kPa	84.8
	50%		PSI	24.0		166
Compression Set	50%, 24 hrs	ASTM D3575 - Suffix B	%	23	%	23
Working Temperature Range		-	°F	-76 / 194	°C	-60 / 90
Flammability		FMVSS302	inches/min	< 4/SE	mm/min	< 100/SE
		UL 94 Sec. 12	-	HF-2: Pass at 6mm thickness	-	HF-2: Pass at 6mm thickness
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.