



Vizion 2 lb/ft³ STD/FR-H1

32 kg/m³

Effective Date: 2/12/2016

PHYSICAL PROPERTIES		TEST METHOD	IMPERIAL UNITS/TEST	VALUES	METRIC UNITS/TEST	VALUES
Density - Nominal		ASTM D3575 - Suffix W	lb/ft ³	2.0	kg/m ³	32
Tensile Strength		ASTM D3575 - Suffix T	PSI	43.7	kPa	301
Tear strength		ASTM D3575 - Suffix G	lbf/in	11.3	N/mm	1.98
Elongation at Break		ASTM D3575 - Suffix T	%	302	%	302
Shore Hardness		ASTM D2240	00	53	00	53
Compression Deflection	25%	ASTM D3575 - Suffix D	PSI	7.9	kPa	54
	50%		PSI	16.7		115
Compression Set	50%, 24 hr	ASTM D3575 - Suffix B	% (max)	18	% (max)	18
Working Temperature Range			°F	-76 / 194	°C	-60 / 90
Water Absorption, 7 days		DIN 53428	% Vol (max)	1	% Vol (max)	1
Flammability		UL 94	HBF	PASS	HBF	PASS
			HF-1	PASS	HF-1	PASS
			HF-2	PASS	HF-2	PASS
		FAR25.853(a)	FAA 12-sec. vert (0.5" thick)	PASS	FAA 12-sec. vert (0.5" thick)	PASS
Thermal Stability, 24hrs at 158°F (70°C)		D3575 - Suffix S	%	2	%	2

VIZION is a closed cell chemically crosslinked polyethylene foam in bun 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 VIZION chemically crosslinked polyethylene foam is presented to the best of our knowledge.