



Vizion 8 lb/ft³ STD 1-step

128 kg/m³

Effective Date: 11/13/2014

PHYSICAL PROPERTIES		Test METHOD	IMPERIAL UNITS	VALUES	METRIC UNITS	VALUES
Density - Nominal		ASTM D3575 - Suffix W	lb/ft ³	8	kg/m ³	128
Tensile Strength		ASTM D3575 - Suffix T	PSI	252	kPa	1740
Tear strength		ASTM D3575 - Suffix G	lbf/in	38.2	N/mm	6.69
Elongation at Break		ASTM D3575 - Suffix T	%	177	%	177
Shore Hardness		ASTM D2240	A	42	A	42
Compression Deflection	25%	ASTM D3575 - Suffix D	PSI	42.8	kPa	295
	50%		PSI	65.7		453
Compression Set	50%, 24 hr	ASTM D3575 - Suffix B	% (max)	12	% (max)	12
Working Temperature Range		Internal	°F	-76 / 194	°C	-60 / 90
Water Absorption, 7 days		Internal	% Vol (max)	1	% Vol (max)	1
Flammability, >1/4"		FMVSS302	4"/min	PASS	100 mm/min	PASS
Thermal Stability, 24hrs at 158°F (70°C)		ASTM D3575 - Suffix S	%	< 2	%	< 2

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

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