



## Vizion 6 lb/ft<sup>3</sup> STD 1-step

Effective Date: 10/20/2017

PHYSICAL PROPERTIES		TEST METHOD	IMPERIAL UNITS	VALUES	METRIC UNITS	VALUES
Density - Nominal		ASTM D3575 - Suffix W	lb/ft <sup>3</sup>	6	kg/m <sup>3</sup>	96
Tensile Strength		ASTM D3575 - Suffix T	PSI	218	kPa	1500
Tear strength		ASTM D3575 - Suffix G	lbf/in	34.9	N/mm	6.04
Elongation at Break		ASTM D3575 - Suffix T	%	171	%	171
Shore Hardness		ASTM D2240	A	33	A	33
Compression Deflection	25%	ASTM D3575 - Suffix D	PSI	32.3	kPa	223
	50%		PSI	47.2		325
Compression Set	50%, 24 hr	ASTM D3573 - Suffix B	% (max)	7	% (max)	7
Working Temperature Range		-	°F	-76/194	°C	-60/90
Water Absorption, 7 days		DIN 53428	% Vol (max)	1	% Vol (max)	1
Flammability, >1/4"		FMVSS302	4"/min	PASS	100mm/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.  
SDS sheets available upon request.

Data represents typical values based on preliminary production runs 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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