



Vizion 2 lb/ft<sup>3</sup> STD

32 kg/m<sup>3</sup>

Effective Date: 5/1/2014

PHYSICAL PROPERTIES		ASTM METHOD	IMPERIAL UNITS	VALUES	METRIC UNITS	VALUES
Density - Nominal		D3575 - Suffix W	lb/ft <sup>3</sup>	2.0	kg/m <sup>3</sup>	32
Tensile Strength		D3575 - Suffix T	PSI	55.4	kPa	382
Tear strength		D3575 - Suffix G	lbf/in	12.5	N/mm	2.19
Elongation at Break		D3575 - Suffix T	%	290	%	290
Shore Hardness		ASTM D2240	00	50	00	50
Compression Deflection	25%	D3575 - Suffix D	PSI	8.2	kPa	56
	50%		PSI	17.1		118
Compression Set	25%, ½ hr	D3575 - Suffix B	% (max)	18	% (max)	18
	25%, 24 hr			7		7
	50%, ½ hr			42		42
	50%, 24 hr			16		16
Working Temperature Range		Internal	°F	-76 / 194	°C	-60 / 90
Water Absorption, 7 days		Internal	% Vol (max)	1	% Vol (max)	1
Thermal Conductivity, 176°F (80°C)		ASTM C177	BTU·in/hr·ft <sup>2</sup> ·°F	0.260	W/m·K	0.0375
Flammability, >1/4"		FMVSS302	4"/min	PASS	100mm/min	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.  
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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