



Vizion 6 lb/ft<sup>3</sup> STD

96 kg/m<sup>3</sup>

Effective Date: 3/18/2013

PHYSICAL PROPERTIES		ASTM METHOD	IMPERIAL UNITS	VALUES	METRIC UNITS	VALUES
Density - Nominal		D3575 - Suffix W	lb/ft <sup>3</sup>	6	kg/m <sup>3</sup>	96
Tensile Strength		D3575 - Suffix T	PSI	137	kPa	945
Tear strength		D3575 - Suffix G	lbf/in	30.1	N/mm	5.27
Elongation at Break		D3575 - Suffix T	%	268	%	268
Shore Hardness		ASTM D2240	A	27	A	27
Compression Deflection	25%	D3575 - Suffix D	PSI	25.2	kPa	174
	50%		PSI	37.7		260
Compression Set	25%, ½ hr	D3575 - Suffix B	% (max)	8	% (max)	8
	25%, 24 hr			3		3
	50%, ½ hr			23		23
	50%, 24 hr			11		11
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	Pending	W/m·K	Pending
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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