



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

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

Effective Date: 1/23/2015

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	197	kPa	1360
Tear strength		ASTM D3575 - Suffix G	lbf/in	32.2	N/mm	5.64
Elongation at Break		ASTM D3575 - Suffix T	%	254	%	254
Shore Hardness		ASTM D2240	A	22	A	22
Compression Deflection	25%	ASTM D3575 - Suffix D	PSI	16.7	kPa	115
	50%		PSI	28.5		197
Compression Set	50%, 24 hr	ASTM D3573 - Suffix B	% (max)	9	% (max)	9
Working Temperature Range			°F	-58 / 176	°C	-50 / 80
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.  
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.