



Vizion 4 lb/ft³ STD

64 kg/m³

Effective Date: 9/1/2015

PHYSICAL PROPERTIES		TEST METHOD	IMPERIAL UNITS	VALUES	METRIC UNITS	VALUES
Density - Nominal		ASTM D3575 - Suffix W	lb/ft ³	4	kg/m ³	64
Tensile Strength		ASTM D3575 - Suffix T	PSI	99.0	kPa	683
Tear strength		ASTM D3575 - Suffix G	lbf/in	21.8	N/mm	3.82
Elongation at Break		ASTM D3575 - Suffix T	%	306	%	306
Shore Hardness		ASTM D2240	00	71	00	71
Compression Deflection	25%	ASTM D3575 - Suffix D	PSI	21.2	kPa	146
	50%		PSI	31.8		219
Compression Set	25%, ½ hr	ASTM D3575 - Suffix B	% (max)	10.0	% (max)	10.0
	25%, 24 hr			3.5		3.5
	50%, ½ hr			28.5		28.5
	50%, 24 hr			12.5		12.5
Working Temperature Range			°F	-76 / 194	°C	-60 / 90
Water Absorption		ASTM D3575- Suffix L	lbs/ft ²	0.029	kg/m ²	0.141
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.