



Development Data Sheet*

Vizion 1.5 lb/ft³ PTF

Effective Date: 12/7/2018

PHYSICAL PROPERTIES		ASTM METHOD	IMPERIAL UNITS	VALUES	METRIC UNITS	VALUES
Density - Nominal		D3575 - Suffix W	lb/ft ³	1.5	kg/m ³	24
Tensile Strength		D3575 - Suffix T	PSI	43.2	kPa	298
Tear strength		D3575 - Suffix G	lbf/in	13.3	N/mm	2.33
Elongation at Break		D3575 - Suffix T	%	224	%	224
Shore Hardness		ASTM D2240	00	48	00	48
Compression Deflection	25%	D3575 - Suffix D	PSI	6.8	kPa	47
	50%		PSI	15.5		107
Compression Set	50%, 24 hr	D3575 - Suffix B	%	27	%	27
Working Temperature Range		-	°F	-76 / 176	°C	-60 / 80
Flammability, ≥ 0.30"		FMVSS302	4"/min	Pass	100mm/min	Pass
Thermal Stability, 24hrs at 158°F (70°C)		D3575 - Suffix S	%	< 5	%	< 5

Vizion is a closed cell chemically crosslinked polyethylene foam in bun form.
SDS 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.

*Development data sheet based on limited production runs. Results are subject to change.