



VizionTM

8 pcf 128.15 kg/m³

V 8.0

Effective Date 6/1/10

PHYSICAL PROPERTIES		TEST METHOD	VALUES	USA UNITS	VALUES	METRIC UNITS
Density - Nominal		ASTM D3575	8.00	lb/ft ³	128.15	kg/m ³
Density Range		ASTM D3575	8.19 - 8.67		131.1 - 138.9	
Tensile Strength		ASTM D412	251.78	psi	1735.96	kPa
Elongation at Break		ASTM D412	228.80	%	228.80	%
Tear Resistance		ASTM D624	37.37	lb/in	667.35	kg/m
Hardness Shore OO		ASTM D2240	83.00	Shore OO	83.00	Shore OO
Compressive Stress						
Compression Set	25% ½hr	ASTM D3575 Suffix B	Pending	%	Pending	%
	25% 24hr		Pending		Pending	
	50% ½hr		19.36		19.36	
	50% 24hr		10.20		10.20	
Compressive Strength	10%	ASTM D3575 Suffix D	Pending	psi	Pending	kPa
	25%		37.37		257.66	
	40%		Pending		Pending	
	50%		63.00		434.37	
Working Temperature Range		Internal Test	-40 to 212	°F	-40 to 100	°C
Water Absorption 7 days		Internal Test	Pending	% Vol (max)	Pending	% Vol (max)
Flammability		FMVSS 302	Pass		Pass	
Thermal Conductivity at 50°F		ASTM C177	Pending	W/mK	Pending	W/mK
Thermal Stability (24 HRS @ 158°F)		ASTMD3575	Pending	% of change	Pending	% of change

DIMENSIONS (usable)		
LENGTH	WIDTH	THICKNESS
84 in	42 in	1.875 in
2133.6 mm	1066.8 mm	47.625 mm

BUN MARKINGS (Example)
Bun ID (Hand written across one 48" end of bun) 11-8-126 (Batch Number) IIIIIIII (8 PCF)

ADDITIONAL ASPECTS
VIZION is a closed cell chemically crosslinked polyethylene foam in bun form.
MSDS sheets available
Standard Colors: Gray, Black Natural

*The information above on VIZION chemically crosslinked polyethylene foam is presented to the best of our knowledge.

*Data represents typical values measured on 0.4" thick specimen and should be considered as a guideline only.

*This product data sheet is effective (insert date) and supersedes all previously published data.

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