



Vizion™

10 pcf 160.18 kg/m³

V 10.0

Effective Date 6/1/10

PHYSICAL PROPERTIES	TEST METHOD	VALUES	USA UNITS	VALUES	METRIC UNITS
Density - Nominal	ASTM D3575	10.00	lb/ft ³	160.18	kg/m ³
Density Range	ASTM D3575	9.7 - 10.39		155.3 - 166.4	
Tensile Strength	ASTM D412	309.20	psi	2131.86	kPa
Elongation at Break	ASTM D412	209.30	%	209.30	%
Tear Resistance	ASTM D624	49.83	lb/in	889.86	kg/m
Hardness Shore OO	ASTM D2240	89.70	Shore OO	89.70	Shore OO
Compressive Stress					
Compression Set	ASTM D3575 Suffix B	25% ½hr	Pending	%	Pending
		25% 24hr	Pending		Pending
		50% ½hr	14.45		14.45
		50% 24hr	7.85		7.85
Compressive Strength	ASTM D3575 Suffix D	10%	Pending	psi	Pending
		25%	60.70		418.51
		40%	Pending		Pending
		50%	91.10		628.11
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
80 in	40 in	1.75 in
2032 mm	1016 mm	44.45 mm

BUN MARKINGS (Example)
Bun ID (Hand written across one 48" end of bun) 11-8-126 (Batch Number) IIIIIIIII (10 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.

Palziv North America 7966 NC 56 Hwy Louisburg, NC 27549
 Phone: 919.497.0010 Fax: 919.496.2523
 www.palzivna.com