



Fuzion 8.0 lb/ft³ STD

128 kg/m³

Effective Date: 1/13/2014

PHYSICAL PROPERTIES		TEST METHOD	IMPERIAL UNITS	VALUES	METRIC UNITS	VALUES
Density - Nominal		ASTM D3575 - Suffix W	lb/ft ³	8.0	kg/m ³	128
Tensile Strength	MD	ASTM D3575 - Suffix T	PSI	159	kPa	1100
Tensile Strength	TD	ASTM D3575 - Suffix G		130		896
Tear strength	MD	ASTMD3575 - Suffix T	lbf/in	42.5	N/mm	7.44
Tear strength	TD	ASTM D3575 - Suffix G		45.4		7.95
Elongation at Break	MD	ASTM D3575 - Suffix T	%	130	%	130
Elongation at Break	TD	ASTM D3575 - Suffix T		130		130
Shore Hardness		ASTM D2440	A	41	A	41
Compression Deflection	25%	ASTM D3575 - Suffix D	PSI	25.1	kPa	174
	50%		PSI	44.0		303
Compression Set	25%, ½ hr	ASTM D3575 - Suffix B	%	Pending	%	Pending
	25%, 24 hrs			Pending		Pending
	50%, ½ hr			Pending		Pending
	50%, 24 hrs			Pending		Pending
Working Temperature Range		Internal	°F	-76 / 194	°C	-60 / 90
Water Absorption, 7 days		Internal	% Vol (max)	1	% Vol (max)	1
Thermal Conductivity, 50°F (10°C)		ASTM C177	Btu·in/hr·ft ² ·°F	Pending	W/m·K	Pending
Thermal Conductivity, 104°F (40°C)		ASTM C177	Btu·in/hr·ft ² ·°F	Pending	W/m·K	Pending
Flammability, > 1/4"		FMVSS302	4"/min	PASS	100mm/min	PASS
Thermal Stability, 24 hrs at 158°F (70°C)		ASTM D3575 - Suffix S	%	2	%	2

Fuzion is a closed cell chemically crosslinked polyethylene foam in roll 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 Fuzion chemically crosslinked polyethylene foam is presented to the best of our knowledge.

Canadian Operations: 840 Division St. Cobourg, ON Canada, K9A 5V2
Palziv NA Manufacturing Headquarters: 7966 NC 56 Hwy Louisburg, NC 27549
Phone: 919.497.0010 Fax: 919.496.2523
www.palzivna.com