Fuzion 4.0 lb/ft^3 STD 64 kg/m^3

Effective Date: 2/17/2015

PHYSICAL PROPERTIES		TEST METHOD	IMPERIAL UNITS	VALUES	METRIC UNITS	VALUES
Density - Nominal		ASTM D3575 - Suffix W	lb/ft³	4.0	kg/m³	64
Tensile Strength	MD	ASTM D3575 - Suffix T	PSI	87	kPa	600
Tensile Strength	TD	ASTM D3575 - Suffix G		79		545
Tear strength	MD	ASTMD3575 - Suffix T	lbf/in	23.9	N/mm	4.19
Tear strength	TD	ASTM D3575 - Suffix G		25.0		4.38
Elongation at Break	MD	ASTM D3575 - Suffix T	%	163	%	163
Elongation at Break	TD	ASTM D3575 - Suffix T		168		168
Shore Hardness		ASTM D2440	00	70	00	70
Compression Deflection	25%	ASTM D3575 - Suffix D	PSI	11.4	kPa	79
	50%		PSI	22.2		153
	25%, 24 hrs	ASTM D3575 - Suffix B	%	4	%	4
	50%, 24 hrs			14		14
Working Temperature Range			ºF	-76 / 194	ºC	-60 / 90
Water Absorption, 7 days		DIN 53428	% Vol (max)	1	% Vol (max)	1
Thermal Conductivity, 50ºF (10ºC)		ASTM C177	Btu·in/hr·ft²·°F	0.278	W/m·K	0.04
Thermal Conductivity, 104ºF (40ºC)		ASTM C177	Btu·in/hr·ft²·°F	0.298	W/m·K	0.043
Flammability, > 1/4"		FMVSS302	4"/min	PASS	100mm/min	PASS
Thermal Stability, 24 hrs at 158ºF (70ºC)		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