



Fuzion 3.0 lb/ft³ SDF

48 kg/m³

Effective Date: 4/14/2022

PHYSICAL PROPERTIES		TEST METHOD	IMPERIAL UNITS	VALUES	METRIC UNITS	VALUES
Density - Nominal		ASTM D3575 - Suffix W	lb/ft ³	3.0	kg/m ³	48
Tensile Strength	MD	ASTM D3575 - Suffix T	PSI	59.7	kPa	412
Tensile Strength	TD	ASTM D3575 - Suffix G		54.6		376
Tear Strength	MD	ASTMD3575 - Suffix T	lbf/in	13.4	N/mm	2.35
Tear Strength	TD	ASTM D3575 - Suffix G		13.8		2.42
Elongation at Break	MD	ASTM D3575 - Suffix T	%	76.3	%	76.3
Elongation at Break	TD	ASTM D3575 - Suffix T		87.0		87.0
Shore Hardness		ASTM D2440	00	64.5	00	64.5
Compression Deflection	25%	ASTM D3575 - Suffix D	PSI	8.90	kPa	61.4
	50%		PSI	18.3		126
Compression Set	50%, 24 hrs	ASTM D3575 - Suffix B	%	21	%	21
ESD Skin (10 x 10^result)-surf.			OHM/sq.Ω	5.00	OHM/sq.Ω	5.00
ESD Split (10 x 10^result)-surf.			OHM/sq.Ω	6.50	OHM/sq.Ω	6.50
ESD Skin (10x10^result)-vol.			OHM/sq.Ω	6.00	OHM/sq.Ω	6.00
ESD Split (10x10^result)-vol.			OHM/sq.Ω	6.75	OHM/sq.Ω	6.75
Working Temperature Range			°F	-76 / 194	°C	-60 / 90

Fuzion is a closed cell chemically crosslinked polyethylene foam in roll 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 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