

2XLPE-2LB-25°

Double Stage LDPE and EVA Crosslink Foam

Property	Specification		Tolerance	Unit	Method
Hardness	25°	(79°F)	+/- 8°	Shore C	EVA-IT-LAB-05
Density	2.00		+/- 0.5	lb/ft3	ASTM D3575
Tensile Strength	31.15		MIN	lb/in2	ASTM D3575
Tear Strength	7.56		MIN	lb/in	ASTM D3575
Elongation	183		+/- 15	%	ASTM D3575
Shrinkage	3.29		MAX	%	ASTM D3575
Compression set	15		MAX	%	EVA-IT-LAB-01
Contraction	3	158° F	MAX	%	EVA-IT-LAB-11
Dilation	3	41° F	MAX	%	EVA-IT-LAB-11
Flammability	100		MAX	mm/min	TL1010

Available Sizes

	Mold	Texture	Thickness	Unit	Width	Unit	Length	Unit
Option 1	201-30T/111	N/A	3.94	Inches	59.06	Inches	98.43	Inches
Option 2	201-30T/111	N/A	3.94	Inches	50.39	Inches	98.43	Inches
Thickness Tolerances:		3.01 - 3.94 inches +/- 0.079 inches			1.01 - 2 inches +/- 0.039 inches		0.079 - 0.55 inches +/- 0.03 inches	
		2.01 - 3 inches +/-1.5 inches			0.551 - 1 inches +/-0.05 inches			
Width and Length Tolerances:		+/- 0.79 inches.						

Chemical Attributes

RoHS Directive (EU) 2015/863 Amending Annex II to Directive 2011/65/EU

Pass - the measured value is within the acceptance limit.

Visual Attributes

EVA and LDPE Crosslinked foam is a material that goes through an intense expansion process. In which it is very common to have some defects in the material, such as pinhole, bubble marks or skin marks. However, the bun must have a yield of at least 95%.

Note: It's recommended to cut the material at a temperature between 68°F to 86°F.

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