

XPRIME-5.5LB-20°

EVA Crosslink Foam

Property	Specification		Tolerance	Unit	Method
Hardness	20°	(79°F)	+/- 5°	Shore C	EVA-IT-LAB-05
Density	5.5		+/- 1	lb/ft3	ASTM D3575
Tensile Strength	82.13		MIN	lb/in2	ASTM D3575
Tear Strength	24.22		MIN	lb/in	ASTM D3575
Elongation	177.413		+/- 15	%	ASTM D3575
Shrinkage	5.1336		MAX	%	ASTM D3575
Contraction	2	158° F	MAX	%	EVA-IT-LAB-11
Dilation	4	41° F	MAX	%	EVA-IT-LAB-11
Compression set	5		MAX	%	EVA-IT-LAB-01

Available Sizes

	Mold	Texture	Thickness	Unit	Width	Unit	Length	Unit
Option 1	114-21T	N/A	1.57	Inches	51.18	Inches	100.39	Inches
Option 2	114-25T	N/A	1.97	Inches	51.18	Inches	100.39	Inches
Option 3	RMX5-27.5T	N/A	1.89	Inches	57.09	Inches	122.05	Inches

Thickness Tolerances:
 Complete bun +/- 0.04".
 Half Bun +/- 0.02"
 Below half bun +/- 0.012"

Width and Length Tolerances:
 Without texture +/- 0.79".
 With Texture +/- 1.97"

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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