

Typical Properties

Tests Performed	Units Measured	Method	Polyplank LAM 1.7#	
Thickness	inches	ASTM D3575, Section 8	2.0625	
Width	inches	ASTM D3575, Section 8	49.0	
Length	inches	ASTM D3575, Section 8	110.0	
Density	lb/cu.ft.	ASTM D3575 Suffix W, Method B	1.6	
Cell Count	cells/inch MD	Internal Method	16.0	
	cells/inch CMD		17.0	
24 Hr Compression Set	Vertical % Loss	ASTM D3575, Suffix B	16.3	
	MD % Loss		8.7	
	CMD % Loss		8.3	
Die Cut Recovery	1Hr recovery % Loss Vertical	Internal Method	1.4%loss 98.6% recover	
	24Hr recovery % Loss Vertical		1.4%loss 98.6% recover	
Water Absorption	lb/sqft	ASTM D3575, Suffix L	0.08	
Thermal Stability	Thickness % Change	ASTM D3575 Suffix S	0.2	
	MD Length % Change		1.4	
	CMD Length % Change		1.5	
3D Compression Strength	Vertical psi @ 10% Deflection	ASTM D3575 Suffix D, 2in/min	2.7	
	Vertical psi @ 25% Deflection		5.4	
	Vertical psi @ 50% Deflection		12.0	
	MD psi @ 10% Deflection		5.3	
	MD psi @ 25% Deflection		7.2	
	MD psi @ 50% Deflection		13.6	
	CMD psi @ 10% Deflection		3.8	
	CMD psi @ 25% Deflection		5.9	
	CMD psi @ 50% Deflection		12.0	
	168 Hr Constant Compression Creeps		% Loss @ 0.1 Hr	CID A-A-59136, ASTM-D3575 Suffix BB: 168 Hr @ CID specified Loading
% Loss @ 1.0 Hr		2.0		
% Loss @ 24 Hr		4.8		
% Loss @ 48Hr		6.2		
% Loss @ 120 Hr		8.4		
% Loss @ 168 Hr		8.9		

Values stated are typical for this product line, they shall not be construed as specification values.