

Typical Properties

Tests Performed	Units Measured	Method	Polyplank EXT 2.2 48"
Thickness	inches	ASTM D3575, Section 8	2.25
Width	inches	ASTM D3575, Section 8	49
Length	inches	ASTM D3575, Section 8	110
Density	lb/cu.ft.	ASTM D3575 Suffix W, Method B	2.0
Cell Count	cells/inch MD	Internal Method	20.0
	cells/inch CMD		23.0
24 Hr Compression Set	Vertical % Loss	ASTM D3575, Suffix B	10.4
	MD % Loss		8.8
	CMD % Loss		10.0
Die Cut Recovery	1Hr recovery % Loss Vertical	Internal Method	1.9%loss 98.1% recover
	24Hr recovery % Loss Vertical		1.7%loss 98.3% recover
Water Absorption	lb/sqft	ASTM D3575, Suffix L	0.02
Thermal Stability	Thickness % Change	ASTM D3575 Suffix S	1.8
	MD Length % Change		1.4
	CMD Length % Change		1.5
3D Compression Strength	Vertical psi @ 10% Deflection	ASTM D3575 Suffix D, 2in/min	4.9
	Vertical psi @ 25% Deflection		8.5
	Vertical psi @ 50% Deflection		16.0
	MD psi @ 10% Deflection		7.1
	MD psi @ 25% Deflection		10.4
	MD psi @ 50% Deflection		18.3
	CMD psi @ 10% Deflection		6.6
	CMD psi @ 25% Deflection		9.6
	CMD psi @ 50% Deflection		17.1
168 Hr Constant Compression Creeps @ 2psi	% Loss @ 0.1 Hr	CID A-A-59136, ASTM-D3575 Suffix BB: 168 Hr @ CID specified Loading	0.2
	% Loss @ 1.0 Hr		0.6
	% Loss @ 24 Hr		1.4
	% Loss @ 48Hr		1.5
	% Loss @ 120 Hr		1.7
	% Loss @ 168 Hr		1.8