



POLYPLANK TYPICAL PROPERTIES

			Laminated & Single Layer Sheeted						
	METHOD	UNITS MEASURED	1.2 x48"	1.7 x48"	1.7 Renew x48"	2.2 x48"	2.2 Renew x48"	4.0 x48"	6.0 x48"
THICKNESS	ASTM D3575, Section 8	inches	Described -0, + 0.125						
WIDTH		inches	Useable Width as Described: Delivered at Useable Width +1.0"						
LENGTH		inches	Useable Length as Described: Delivered at Useable Length +1.5"						
CELL COUNT	Internal Method	Cells/inch	15-21	16-23	16-23	17-23	17-23	23-28	25-31
24 Hr Compression Set	ASTM, Suffix B	Vertical % Loss	16.9	16.1	14.5	14.3	15.4	16.6	3.8
		MD % Loss	12.9	11.7	9.8	10.5	11.6	9.9	5.4
		CMD % Loss	11.9	11.4	10	9.8	10.6	7.2	5.9
Die Cut Recovery	Internal Method	24Hr recovery % Vertical	>97	>97	>97	>97	>97	96	95
		24Hr recovery % MD & CMD	>98	>98	>98	>98	>98	>97	>97
Water Absorption	ASTM D 3575, Suffix L	Lb/sqft	<0.3lb/sqft	<0.3lb/sqft	<0.3lb/sqft	<0.3lb/sqft	<0.3lb/sqft	<0.3lb/sqft	<0.3lb/sqft
Thermal Stability	ASTM D3575 Suffix S	% Change	<5%	<5%	<5%	<5%	<5%	<5%	<5%
3D Compressive Sets	ASTM D3575 Suffix D 2in/min rate (1.0in/min>4pcf)	Vertical psi @ 10% Deflection	2.7	3.2	3.1	3.9	3.6	5.3	14.6
		Vertical psi @ 25% Deflection	4.8	5.8	5.8	6.7	6.4	8.7	19.8
		Vertical psi @ 50% Deflection	11.3	13	12.7	14.5	14.3	18.5	33.9
		MD psi @ 10% Deflection	2.9	4.2	4.1	5.1	4.8	13.7	25.7
		MD psi @ 25% Deflection	4.7	6.2	6	7.3	7.1	15.2	33.8
		MD psi @ 50% Deflection	10.4	12.6	12.25	14.1	14	23.8	47.1
		CMD psi @ 10% Deflection	5.4	7.3	6.4	7.9	7.5	22.7	45.5
		CMD psi @ 25% Deflection	6.9	9.2	8.3	10	9.8	22.9	45.8
CMD psi @ 50% Deflection	12.6	15.5	14.6	16.9	15.7	30.7	57.9		
Constant Compressive Creep	ASTM D3575 Suffix BB, ASTM D2221	% Loss @ 168 Hr	7.25 @ 1 psi	12.1 @ 2 psi	12.2 @ 2 psi	8.6 @ 2 psi	10.6 @ 2 psi	17.3 @ 3 psi	1.3 @ 3.5 psi
A/S Materials (ESD Time)	ANSI/ESD S541, Mil-Std-3010B	Static Decay Time (Seconds)	Less than 2.0 Seconds to dissipate +/-5000 volts						
A/S Materials Surface Resistance	ANSI/ESD S541: ANSI/ESD STM 11.11	Surface Resistance	10 ⁴ - 10 ¹¹ Ohms						

Values presented are typical for the products. They shall not be used or construed as specification limits