



LAMINATED PLANK

TECHNICAL DATA TYPICAL PHYSICAL PROPERTIES

	TEST METHOD	UNIT	RPP 120	RPP 170 BLK ECO	RPP 170 BLK ECO	RPP 170	RPP 220 BLK ECO	RPP 220	RPP 220	RPP 400	RPP 600
			Laminated Plank	Laminated Plank	Extruded 1"	Laminated Plank	Laminated Plank	Laminated Plank	Extruded 1"	Laminated Plank	Laminated Plank
DENSITY RANGE	ASTM D3575-08	lb/ft ³	1.2 - 1.5	1.4 - 1.9	1.8 - 1.85	1.6 - 1.8	1.8 - 2.2	1.95 - 2.2	1.95 - 2.2	4.0 - 4.5	6.0 - 6.5
COMPRESSIVE STRENGTH	ASTM D3575-08 Suffix D	@ 25%	> 5	> 5	> 7	> 6	> 6	> 7	> 7	> 13	> 20
		@ 50%	> 13	> 13	> 15	> 15	> 15	> 16	> 16	> 26	> 39
COMPRESSION SET	ASTM D3575-08 Suffix B	%	< 23%	< 25%	< 22%	< 21%	< 22%	< 20%	< 20%	< 20%	< 15
COMPRESSION CREEP	ASTM D3575-08 Suffix BB (168 hr) MIL AA 59136	%	< 10% @ 1.0 psi	< 10% @ 1.25 psi	TBD	< 10% @ 1.25 psi	< 10% @ 2.0 psi	< 10% @ 2.0 psi	< 10% @ 2.0 psi	< 10% @ 2.9 psi	TBD
TENSILE STRENGTH	ASTM D3575-08 Suffix T	MD (psi)	31	25	22	35	35	40	40	80	60
		CMD (psi)	20	22		23	28	30	30	65	
TEAR RESISTANCE	ASTM D3575-08 Suffix G (mdd/cmd)	MD (lb/in)	10	10	6	11	12	13	13	27	21
		CMD (lb/in)	6	7		8	10	11	11	21	
CELL SIZE	ASTM D3576 Modified	mm	1.5	1.6	2.8	1.3	1.4	1.2	1.2	1.0	1.1
WATER ABSORPTION	ASTM D3575-08 Suffix L	lb/ft ²	< 0.1	< 0.2	< 0.3	< 0.1	< 0.2	< 0.1	< 0.1	< 0.2	< 0.2
THERMAL STABILITY	ASTM D3575-08 Suffix S	%	< 5%	< 5%	< 5%	< 5%	< 5%	< 5%	< 5%	< 5%	< 5%
*STATIC DECAY (ANTI-STATIC GRADE)	EIA STD. 541 (Appendix F)	Sec	< 2 sec	< 2 sec	< 2 sec	< 2 sec	< 2 sec	< 2 sec	< 2 sec	< 2 sec	< 2 sec
*SURFACE RESISTIVITY (ANTI-STATIC GRADE)	EIA STD. 541 Section 4.3		10 ⁹ - 10 ¹¹	10 ⁹ - 10 ¹¹	10 ⁹ - 10 ¹¹	10 ⁹ - 10 ¹¹	10 ⁹ - 10 ¹¹	10 ⁹ - 10 ¹¹	10 ⁹ - 10 ¹¹	10 ⁹ - 10 ¹¹	10 ⁹ - 10 ¹¹
THERMAL CONDUCTIVITY K - VALUE	ASTM C518-91	BTU.IN / HR-FT ² - °F	0.40 - 0.45	0.45 - 0.51	0.45 - 0.51	0.40 - 0.45	0.45 - 0.51	0.40 - 0.45	0.40 - 0.45	0.40 - 0.45	0.40 - 0.45
THERMAL RESISTANCE R - VALUE	ASTM C518-91	HR-FT ² - °F / BTU.IN	2.2 - 2.5	1.9 - 2.1	1.9 - 2.1	2.2 - 2.5	1.9 - 2.1	2.2 - 2.5	2.2 - 2.5	2.2 - 2.5	2.2 - 2.5

The data presented for these products is unconverted-type polyethylene foam products.
While values shown are typical of these products, they should not be construed as specification limits.
ECO refers to high recycled content product.
*Data refers to Anti-Static grade product only.