

Grayling, Michigan

ULTRA PARTICLEBOARD

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Particleboard from ARAUCO's Grayling, Michigan, plant is suitable for a variety of applications including cabinets, furniture, fixtures and general industrial applications.

ULTRA PARTICLEBOARD						
Grayling - Michigan						
		Ultra PB Custom (M1)		Ultra PB (M2)		
Thickness Range	(in.) (mm)	9 mm - 15 mm	5/8" - 1-1/8"	9 mm - 0.375"	10 mm - 15 mm	15 mm - 1.375"
Average MOR	(psi)	1,600	1,600	1,900	1,900	1,900
Average MOE	(psi)	224,800	224,800	319,000	319,000	319,000
Average Internal Bond	(psi)	60	60	75	65	65
Face Screw Hold	(lb)	204	204	-	-	240
Edge Screw Hold*	(lb.)	-	164	-	-	200
Thickness Tolerance	(in.)	+/- 0.005"	+/- 0.005"	+/- 0.005"	-	+/- 0.005"
Length and Width	(in.)	+/- 1/16"	+/- 1/16"	+/- 1/16"	-	+/- 1/16"
Squareness	(in.)	1/8"	1/8"	1/8"	-	1/8"

		Ultra PB Plus (M3i)		Ultra PB M3**	Ultra PB Door Core LD-1	Ultra PB Door Core LD-2
Thickness Range	(in.) (mm)	1/2" - 9/16	15mm - 1"	5/8" - 1-1/8"	1.115" - 1.515"	1.48" - 1.73"
Average MOR	(psi)	2,200	2,200	2,610	464	464
Average MOE	(psi)	400,000	400,000	435,000	79,750	79,750
Average Internal Bond	(psi)	75	75	85	20	25
Face Screw Hold	(lb)	250	250	320	95	130
Edge Screw Hold*	(lb.)	-	220	260	-	-
Thickness Tolerance	(in.)	+/- 0.005"	+/- 0.005"	+/- 0.005"	+ 0.005"/ - 0.015"	+ 0.005"/ - 0.015"
Length and Width	(in.)	+/- 1/16"	+/- 1/16"	+/- 1/16"	+/- 1/16"	+/- 1/16"
Squareness	(in.)	1/8"	1/8"	1/8"	1/8"	1/8"

- The above physical properties are based on minimum allowable averages of individual production lots. Testing for conformance to the above specifications must be done in accordance with procedures described in the American National Standard for Particleboard. (ANSI 208.1 - 2022 section 6.2 Sampling for Acceptance).
- EPA recognized and CARB approved Third Party Certifier TPC-1.
- EPA TSCA Title VI certified. Complies with CARB ATCM 93120, ANSI 208.1 - 2022, for formaldehyde emissions.
- All panels are approved for interior, non-structural application.
- Contains 100% Recycled/Recovered wood content.

Storage and Handling

Particleboard products should never be stored or used outdoors. The indoor storage area should be clean, dry, well ventilated, and free of dust, dirt or particles that could contaminate the particleboard. Store flat on stickers on a level, hard, dry surface. Constant relative humidity and temperature should be maintained. Before use, allow to stabilize to the same conditions as are expected after the panel is installed. Condition 48 to 72 hours prior to lamination. For more information, see Composite Panels Association Technical Bulletin: Storage and Handling of Particleboard and MDF.

Safety Data Sheets available online.

Notes: *Edge Screw test is not performed on products less than 5/8" thick (per the ANSI standard). / **Ultra M3 meets ANSI A 208.1-2022 excluding edge screw withdrawal.



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