

# Grayling, Michigan ULTRA PARTICLEBOARD

## SPECIFICATION SHEET

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

### GRAYLING, MICHIGAN

|                       |       | Ultra Custom, Ultra, Ultra Plus |               |               | Ultra M3**    |               |          |
|-----------------------|-------|---------------------------------|---------------|---------------|---------------|---------------|----------|
|                       |       | Ultra Custom                    | Ultra PB      |               | Ultra Plus    | Ultra M3      |          |
| Thickness Range       | in    | 0.375" - 1.375"                 | 0.375" - 0.5" | > 0.5" - 1.5" | 0.375" - 1.5" | 0.375" - < 1" | > 1"     |
|                       | mm    | 9 - 34.5                        | 9 - 12.7      | > 12.7 - 40   | 8 - 40        | 9.5 - 25.4    | > 25.4   |
| Average MOR           | (psi) | 1,500                           | 1,900         | 1,900         | 2,200         | 2,393         | 2,393    |
| Average MOE           | (psi) | 225,000                         | 319,000       | 319,000       | 380,000       | 398,900       | 398,900  |
| Average Internal Bond | (psi) | 65                              | 75            | 75            | 80            | 80            | 80       |
| Face Screw Hold       | (lb)  | NA                              | 225           | 225           | 225           | 247           | 247      |
| Edge Screw Hold*      | (lb)  | NA                              | 180           | 180           | 200           | 200           | 200      |
| Thickness Tolerance   | (in)  | +/- .005                        | +/- .005      | +/- .005      | +/- .005      | +/- .005      | +/- .005 |
| Linear Expansion      | %     | 0.4                             | 0.4           | 0.4           | 0.4           | 0.4           | 0.4      |
| Length and Width      | (in)  | +/- 1/16                        | +/- 1/16      | +/- 1/16      | +/- 1/16      | +/- 1/16      | +/- 1/16 |
| Squareness            | (in)  | 1/8                             | 1/8           | 1/8           | 1/8           | 1/8           | 1/8      |

\*Edge Screw test is not performed on products less than 5/8" thick (per the ANSI standard).

\*\*Ultra M3 meets ANSI A 208.1-2016 excluding edge screw withdrawal.

- Values represent mill targets to meet general requirements of ANSI A208.1-2016 Table A and Table B.
- EPA recognized and CARB approved Third Party Certifier TPC-1.
- EPA TSCA Title VI certified. Complies with CARB ATCM 93120, ANSI 208.1 - 2016, HUD 24 CFR, CAN/CSA - 0160 - 16 for formaldehyde emissions.
- All panels are approved for interior, non-structural application.
- Contains Recycled/Recovered wood content.

### Storage and Handling

Particleboard products made by ARAUCO 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.

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