

Melamine MDP Specifications



Product Information

Our Melamine is manufactured with Medium Density Particleboard (MDP) as the core. MDP is a combination of recycled wood fiber and resin which is formed into a non-structural interior board using heat and pressure. Produced in Chile, our Melamine is available as a finished surface in two-sided black or white lamination.

Applications

Because Melamine on MDP is more economical than other finished core panels, it is used in a variety of everyday products including cabinet components, furniture, drawer components, closets, shelving, wall paneling, store fixtures, and healthcare casework.



| Origin | Species | Finish | Size | Core | Glue Type |
|--------|----------|--------------|--------------|------|--------------------------------------|
| Chile | Melamine | White, Black | 4'x8', 5'x8' | MDP | Interior, TSCA Title VI / EPA (Carb) |

| Property | Testing Method | Tolerance | Unit | Thickness 1/2" (12.7mm) | Thickness 5/8" (15.875mm) | Thickness 3/4" (19.05mm) |
|-----------------------------|----------------|-----------|----------|----------------------------|------------------------------|-----------------------------|
| Sheets Per Crate | | | | 66 | 56 | 48 |
| Density | EN 323 | ± 1.3 | PCF | 41.2 | 40.0 | 39.3 |
| Internal Bond (IB) | EN 319 | ± 22 | PSI | 73 ± 17 | 73 | 73 |
| Bending Strength (MOR) | EN 310 | ± 218 | PSI | 2321 | 2176 | 2176 |
| Modulus of Elasticity (MOE) | EN 310 | ± 73 | PSIx1000 | 333 | 333 | 319 |
| Thickness Swelling | EN 317 | | % | 25 | 25 | 25 |
| Moisture Content | | ± 3 | % | 8 | 8 | 8 |
| Face Screw | EN 320 | | p | N/A | 245 | 245 |
| Edge Screw | EN 320 | | p | N/A | 191 | 191 |

| Dimensional Tolerances | | | |
|----------------------------------|----------|----------|-------|
| Thickness | EN 324-1 | ± 0.0079 | in |
| Length and width | EN 324-1 | ± 0.0245 | in/ft |
| Angle (Diagonal size difference) | EN 324-2 | ± 0.0245 | in/ft |
| Edge Straightness | EN 324-2 | ± 0.0245 | in/ft |

Based on availability, USply reserves the right to substitute product that may vary in species, core, country of origin, and/or other specifications.

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