

BALSA Balsa Endgrain Ultra-Lite TECHNICAL DATA SHEETS

Mechanical Properties

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| Density per ASTM C-271 | 6.5 lbs/cu.ft (100 kg/m ³) |
| Compressive Strength per ASTM C-365 | 947 psi (6,53 MPa) |
| Compressive Modulus per ASTM C-365 | 295.36 ksi (2036 MPa) |
| Tensile Strength per ASTM C-297 | 1088 psi (7,50 MPa) |
| Tensile Modulus per ASTM C-297 | 324.68 ksi (2238 MPa) |
| Shear Strength per ASTM C-273 | 272 psi (1,88 MPa) |
| Shear Modulus per ASTM C-273 | 15.84 ksi (110 MPa) |
| Thermal Conductivity at 24°C per ASTM C-177 | 0.331 BTU in/ft ² .hr.°F (0,048W/m*K) |
| Sheet Length | 48 inches (1220 mm) |
| Sheet Width | 24 inches (610 mm) |
| Sheet Thickness | from 1/4 to 3 inches (from 6,35 to 76,20 mm) |
| Continuous Operating Temperature Range | -349.6°F to +325.4°F (-212°C to + 163°C) |
| Moisture Content | from 6% to 12% |
| Density Tolerance | +/- 10% |