

SAPELE

Common Name(s): Sapele, sapelli, sapeli mahogany

Scientific Name: *Entandrophragma cylindricum*

Distribution: Tropical Africa

Tree Size: 100-150 ft (30-45 m) tall,
3-5 ft (1-1.5 m) trunk diameter

Average Dried Weight: 41.6 lbs/ft³ (665 kg/m³)

Specific Gravity (Basic, 12% MC): 0.56, 0.67

Janka Hardness: 1,360 lb_f (6,060 N)

Modulus of Rupture: 16,070 lb_f/in² (110.9 MPa)

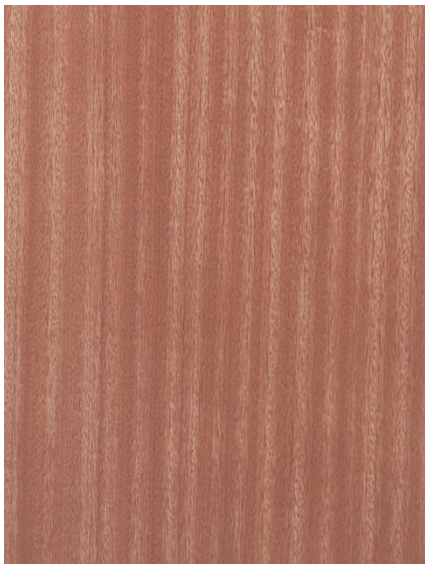
Elastic Modulus: 1,790,000 lb_f/in² (12.35 GPa)

Crushing Strength: 8,540 lb_f/in² (58.9 MPa)

Shrinkage: Radial: 5.2%, Tangential: 7.2%,
Volumetric: 12.9%, T/R Ratio: 1.4

Color/Appearance: Heartwood is a golden to dark reddish brown. Color tends to darken with age. Besides the common ribbon pattern seen on quartersawn boards, sapele is also known for a wide variety of other figured grain patterns, such as: pommele, quilted, mottled, wavy, beeswing, and fiddleback.

Grain/Texture: Grain is interlocked, and sometimes wavy. Fine uniform texture and good natural luster.



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