



## HICKORY



**Common Name(s):** Shellbark Hickory

**Scientific Name:** *Carya laciniosa*

**Distribution:** Eastern United States

**Tree Size:** 100-130 ft (30-40 m) tall, 1-2 ft (.3-.6 m) trunk diameter

**Average Dried Weight:** 48 lbs/ft<sup>3</sup> (770 kg/m<sup>3</sup>)

**Specific Gravity (Basic, 12% MC):** .62, .77

**Janka Hardness:** 1,810 lb<sub>f</sub> (8,100 N)

**Modulus of Rupture:** 18,100 lb<sub>f</sub>/in<sup>2</sup> (124.8 MPa)

**Elastic Modulus:** 1,890,000 lb<sub>f</sub>/in<sup>2</sup> (13.03 GPa)

**Crushing Strength:** 8,000 lb<sub>f</sub>/in<sup>2</sup> (55.2 MPa)

**Shrinkage:** Radial: 7.6%, Tangential: 12.6%, Volumetric: 19.2%, T/R Ratio: 1.7

The heartwood tends to be light to medium brown, with a reddish hue; sapwood is a paler yellowish brown. Boards with contrasting heartwood and sapwood create a somewhat rustic appearance that's sometimes marketed as Calico Hickory.