

ASH



Common Name(s): White Ash, American White Ash

Scientific Name: *Fraxinus americana*

Distribution: Eastern North America

Tree Size: 65-100 ft (20-30 m) tall, 2-5 ft (.6-1.5 m) trunk diameter

Average Dried Weight: 42 lbs/ft³ (675 kg/m³)

Specific Gravity (Basic, 12% MC): .55, .67

Janka Hardness: 1,320 lb_f (5,870 N)

Modulus of Rupture: 15,000 lb_f/in² (103.5 MPa)

Elastic Modulus: 1,740,000 lb_f/in² (12.00 GPa)

Crushing Strength: 7,410 lb_f/in² (51.1 MPa)

Shrinkage: Radial: 4.9%, Tangential: 7.8%, Volumetric: 13.3%, T/R Ratio: 1.6

The color of ash is somewhat lustrous; cream to very light brown heartwood with lighter colored sapwood. Ash has a straight moderately open grain.