

# WHITE POPLAR

**Common Name(s):** White Poplar, Silver Poplar

**Scientific Name:** Populus alba

**Distribution:** From southern/central Europe to central Asia

**Tree Size:** 50-80 ft (15-25 m) tall, 2-3 ft (.6-1.0 m) trunk diameter

**Average Dried Weight:** 28 lbs/ft<sup>3</sup> (440 kg/m<sup>3</sup>)

**Specific Gravity (Basic, 12% MC):** .36, .44

**Janka Hardness:** 410 lb<sub>f</sub> (1,820 N)

**Modulus of Rupture:** 9,430 lb<sub>f</sub>/in<sup>2</sup> (65.0 MPa)

**Elastic Modulus:** 1,290,000 lb<sub>f</sub>/in<sup>2</sup> (8.90 GPa)

**Crushing Strength:** No data available

**Shrinkage:** Radial: 3.2%, Tangential: 5.2%, Volumetric: 8.4%, T/R Ratio: 1.6

## PHOTOS:



