



CHERRY



Common Name(s): Black Cherry, Cherry, American Cherry

Scientific Name: *Prunus serotina*

Distribution: Eastern North America

Tree Size: 50-100 ft (15-30 m) tall, 3-5 ft (1-1.5 m) trunk diameter

Average Dried Weight: 35 lbs/ft³ (560 kg/m³)

Specific Gravity (Basic, 12% MC): .47, .56

Janka Hardness: 950 lb_f (4,230 N)

Modulus of Rupture: 12,300 lb_f/in² (84.8 MPa)

Elastic Modulus: 1,490,000 lb_f/in² (10.30 GPa)

Crushing Strength: 7,110 lb_f/in² (49.0 MPa)

Shrinkage: Radial: 3.7%, Tangential: 7.1%, Volumetric: 11.5%, T/R Ratio: 1.9

The heartwood is a light pinkish brown when freshly cut, darkening to a medium reddish brown with time and upon exposure to light. Sapwood is a pale yellowish color