

# SPRUCE PINE

**Common Name(s):** Spruce Pine

**Scientific Name:** Pinus glabra

**Distribution:** Southeastern United States (coastal plain)

**Tree Size:** 65-100 ft (20-30 m) tall, 2-3 ft (.6-1 m) trunk diameter

**Average Dried Weight:** 33 lbs/ft<sup>3</sup> (525 kg/m<sup>3</sup>)

**Specific Gravity (Basic, 12% MC):** .42, .52

**Janka Hardness:** 700 lb<sub>f</sub> (3,110 N)

**Modulus of Rupture:** 10,300 lb<sub>f</sub>/in<sup>2</sup> (71.0 MPa)

**Elastic Modulus:** 1,405,000 lb<sub>f</sub>/in<sup>2</sup> (9.69 GPa)

**Crushing Strength:** 5,660 lb<sub>f</sub>/in<sup>2</sup> (39.0 MPa)

**Shrinkage:** No data available

**Color/Appearance:** Heartwood is reddish brown, sapwood is yellowish white.

**Grain/Texture:** Straight grained with a fine to medium texture.



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