



# MAHOGANY

**Scientific Name:** Swietenia macrophylla King

**Color:** Dark reddish-brown, with golden hue and high sheen

**Basic Specific Gravity:** 0.45 g/cm<sup>3</sup>

**Texture:** Medium

**Grain:** Straight to slightly interlocked

**Figure:** Attractive grain patterns

**Workability:** Easy

**Natural Resistance:** Medium to high

**Sawing:** Easy

**Durability:** Moderate to high

**Static Bending:** 12% moisture content

**Modulus of Rupture (kg/cm<sup>2</sup>):** 805–887

**Modulus of Elasticity (kg/cm<sup>2</sup>):** 88,712–105,027

**Compression:** 12% moisture content.