

# KOTO

**Common Name(s):** Koto

**Scientific Name:** Pterygota macrocarpa

**Distribution:** West Africa

**Tree Size:** 65-100 ft (20-30 m) tall, 2-4 ft (.6-1.2 m) trunk diameter

**Average Dried Weight:** 37 lbs/ft<sup>3</sup> (595 kg/m<sup>3</sup>)

**Specific Gravity (Basic, 12% MC):** .51, .59

**Janka Hardness:** 940 lb<sub>f</sub> (4,200 N)

**Modulus of Rupture:** 15,290 lb<sub>f</sub>/in<sup>2</sup> (105.4 MPa)

**Elastic Modulus:** 1,752,000 lb<sub>f</sub>/in<sup>2</sup> (12.08 GPa)

**Crushing Strength:** 7,590 lb<sub>f</sub>/in<sup>2</sup> (52.4 MPa)

**Shrinkage:** Radial: 5.1%, Tangential: 10.6%, Volumetric: 15.0%, T/R Ratio: 2.1

**Color/Appearance:** Pale yellow heartwood; little color variation from sapwood to heartwood. Quartersawn surfaces can exhibit ray fleck. Steamed or dyed veneer is not uncommon.

**Grain/Texture:** Straight to slightly interlocked. Texture moderately coarse.



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