

ERIC PELLE

MADERA

Bolivia finest exotic wood compamy



SIRARI

Tiete Rosewood



Name(s): Tiete Rosewood, Patagonian Cherry, Sirari

Scientific Name: *Guibourtia hymenaeifolia*

Janka Hardness: 2,790 lbf (12,410 N)

Strength (MOR): 15,830 lbf/in² (109.2 MPa)

Stiffness (MOE): 2,030,000 lbf/in² (14.00 GPa)

Density (KG/m³): 800

Tangential Shrinkage: 7.0%

Radial Shrinkage: 4.0%

Distribution: South America

Color: Generally an orange to pinkish brown. Color tends to darken and redden with age. Grain is typically straight with bland patterning, exhibiting a very uniform color and appearance.

Grain: is straight.

Texture: with a medium to fine uniform texture.

Luster: Low to medium.

Endgrain: Diffuse-porous; solitary and radial multiples; large pores in no specific arrangement, few; reddish and yellowish heartwood gum deposits occasionally present; parenchyma lozenge, winged, confluent, and banded; narrow rays, spacing normal.

Working Characteristics: Tiete Rosewood is hard and dense, making it more difficult to work than lighter woods, but its straight and uniform grain give it a reasonable workability. Also, wood species in the *Guibourtia* genus tend to contain silica that can prematurely dull cutters.

Applications: Interior flooring, turned objects, and other small specialty wood items.