AFRORMOSIA

Pericopsis elata

Afrormosia is listed on CITES Appendix II
Trade is allowed, but closely monitored by CITES to avoid the threat of extinction.

Afrormosia is a highly sought-after African hardwood appreciated for its exceptional durability, refined appearance, and natural resemblance to teak. Native to the tropical forests of West and Central Africa, it features heartwood ranging from golden yellow and olive-brown to rich brown tones, often highlighted by darker streaks and a naturally lustrous surface. Its straight to interlocked grain and fine to medium texture produce an elegant, uniform appearance, Afrormosia finishes beautifully and is commonly used for premium flooring, fine furniture, cabinetry, architectural millwork, doors, windows, boatbuilding, and exterior joinery



Surfaced



Surfaced and clear coat



Harvested In:
Western Africa

Family:
FABACEAE (angiosperm)

WOOD DESCRIPTION

Color:	*Yellow Brown*
Sapwood:	*Clearly Demarcated*
Texture:	*Fine*
Grain:	*Straight or Interlocked*

CHARACTERISTICS

- Easy to work
- Very Durable
- Resistant to termites

COMMON USES

- Cabinetwork
- Sliced veneer
- Paneling (interior/exterior)
- Veneer for back or face of plywood
- Joinery (interior)
- Stairs (interior)
- Flooring
- Furniture and furniture components

AVAILABILITY

- Select & Better
- Mixed Grain, Plain Sawn, Quarter Sawn
- 4/4, 6/4, 8/4 Thicknesses

All Rights Reserved

PHYSICAL / MECHANICAL PROPERTIES

Average Dried Weight	*3.9 lbs/bf*
Specific Gravity:	*0.74*
Janka Hardness (lbs):	*1,570*
Volumetric Shrinkage:	*9.9%*
Total Tangential Shrinkage (TS):	*5.9%*
Total Radial Shrinkage (RS):	*3.2%*
TS/RS Ratio:	*1.8*

Fiber Saturation Point:	*20%*
Crushing Strength:	*9,282 lbf/in²*
Static Bending Strength:	*13,488 lbf/in²*
Modulus of Elasticity:	*1,905,796 lbf/in²*
Stability:	Stable

** Based on 12% Moisture Content*

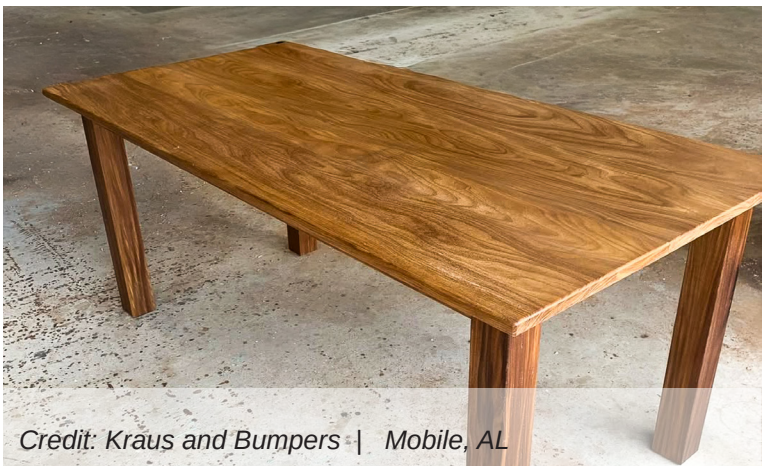
WORKING / FINISHING PROPERTIES

Blunting Effect:	*Fairly High*
Sawteeth Recommended:	*Stellite-tipped*
Cutting Tools:	*Tungsten carbide*
Peeling:	*Not Recommended*

Note: Risks of burning in machining. Slight tendency to tearing in planing (interlocked grain). Sawdust reported to be irritant.

Slicing:	*Good*
Nailing / screwing:	*Good*
Gluing:	*Good*

Note: Gluing must be done carefully as wood may be easily stained.



Credit: Kraus and Bumpers | Mobile, AL





Credit: Kraus and Bumpers | Mobile, AL