AFRORMOSIA

Pericopsis elata

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
- 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

PHYSICAL / MECHANICAL PROPERTIES

Air Dry Density	*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*
Static Bending Strength:	*13,488 lbf*
Modulus of Elasticity:	*1,905,796 lbf*
Stability:	Moderate to poor

WORKING 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.

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