WENGE

Millettia laurenteii

Harvested In:
Central Africa

Family:
FABACEAE (angiosperm)

WOOD DESCRIPTION

Color:	*Dark brown*
Sapwood:	*Clearly Demarcated*
Texture:	*Coarse*
Grain:	*Straight*

CHARACTERISTICS

- Easy to work
- Very durable
- Resistant to termites

COMMON USES

- Cabinetwork
- Furniture and Furniture components
- Turned goods
- Sliced veneer
- Flooring
- Paneling (interior / exterior)
- Joinery (interior / exterior)
- Sculpture

AVAILABILITY

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

PHYSICAL / MECHANICAL PROPERTIES

Air Dry Density	*5 lbs/bf*
Specific Gravity:	*0.87*
Janka Hardness (lbs):	*1,930*
Volumetric Shrinkage:	*12.9%*
Total Tangential Shrinkage (TS):	*9.1%*
Total Radial Shrinkage (RS):	*5.9%*
TS/RS Ratio:	*1.5*

Fiber Saturation Point:	*22%*
Crushing Strength:	*12,328 lbf*
Static Bending Strength:	*20,885 lbf*
Modulus of Elasticity:	*3,053,044 lbf*
Stability:	*Moderate*

WORKING PROPERTIES

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

Slicing:	*Good*
Nailing / screwing:	*Pre-boring necessary*
Gluing:	*Poor*

Note: Risks of splits when nailing. Gluing is difficult and the wood can be stained, if not careful.

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