MERANTI - NEMESU

Shorea pauciflora

Meranti Nemesu is a versatile hardwood native to Southeast Asia valued for its attractive appearance and dependable performance. Its heartwood ranges from warm pinkish-brown to reddish-brown, Its combination of stability, ease of machining, and ability to accept stains, paints, glues, and finishes makes it a practical choice for a wide variety of woodworking and architectural applications. Meranti Nemesu is commonly used for doors, windows, cabinetry, furniture, interior and exterior millwork, paneling, flooring, and decorative veneers. Considered the premium grade among the other Merantis.



Surfaced



Surfaced and clear coat

Harvested In:
Southeast Asia

Family:
DIPTEROCARPACEAE

WOOD DESCRIPTION

Color:	*Red to Dark Red*
Sapwood:	*Clearly Demarcated*
Texture:	*Fine to medium*
Grain:	*Wavy or Interlocked*

CHARACTERISTICS

- Easy to work
- Durable
- Resistant to termites

COMMON USES

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

AVAILABILITY

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

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PHYSICAL / MECHANICAL PROPERTIES

Average Dried Weight:	*3.9 lbs/bf*
Specific Gravity:	*0.63*
Janka Hardness (lbs):	*825*
Volumetric Shrinkage:	*0.50%*
Total Tangential Shrinkage (TS):	*7.6%*
Total Radial Shrinkage (RS):	*4.1%*
TS/RS Ratio:	*1.7*

Fiber Saturation Point:	*31%*
Crushing Strength:	*8,762 lbf/in²*
Static Bending Strength:	*17,761 lbf/in²*
Modulus of Elasticity:	*1,582,000 lbf/in²*
Stability:	*Excellent*

** Based on 12% Moisture Content*

WORKING / FINISHING PROPERTIES

Blunting Effect:	*Fairly High*
Sawteeth Recommended:	*Stellite-tipped*
Cutting Tools:	*Tungsten carbide*
Peeling:	*Good*

Slicing:	*Good*
Nailing / screwing:	*Good*
Gluing:	*Good (interior only)*

Note: Gluing must be done carefully: Wood may be easily stained.



