PURPLEHEART

Peltogyne spp.

Purpleheart is a premium exotic hardwood native to the tropical rainforests of Central and South America, celebrated for its extraordinary color, strength, and durability. Freshly milled heartwood typically begins with subtle grayish-brown tones before developing its signature vibrant purple color when exposed to light, eventually maturing into a rich, deep purplish-brown hue. Exceptionally dense, heavy, and naturally resistant to moisture, Purpleheart offers impressive strength and long-term performance in demanding environments. Purpleheart is commonly used for luxury furniture accents, architectural applications, and decorative woodturning.



Surfaced



Surfaced and clear coat

Harvested In:
Central America

Family:
FABACEAE - CAESALPINIOIDEAE (angiosperm)

WOOD DESCRIPTION

Color:	*Purple*
Sapwood:	*Clearly Demarcated*
Texture:	*Medium*
Grain:	*Straight*

CHARACTERISTICS

- Difficult to work
- Very durable
- Resistant to termites

COMMON USES

- Cabinetwork
- Sliced veneer
- Sculpture
- Stairs (interior)
- Turned goods
- Heavy carpentry
- Trailer and container flooring
- Glued laminate

AVAILABILITY

- Select & Better
- Mixed Grain
- 4/4 and 8/4 Thicknesses

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PHYSICAL / MECHANICAL PROPERTIES

Air Dry Density	*4.6lbs/bf*
Specific Gravity:	*0.90*
Janka Hardness (lbs):	*2,520*
Volumetric Shrinkage:	*10.6%*
Total Tangential Shrinkage (TS):	*6.7%*
Total Radial Shrinkage (RS):	*4.4%*
TS/RS Ratio:	*1.5*

Fiber Saturation Point:	*23%*
Crushing Strength:	*11,603 lbf/in²*
Static Bending Strength:	*20,450 lbf/in²*
Modulus of Elasticity:	*3,082,051 lbf/in²*
Stability:	*Moderate*

** Based on 12% Moisture Content*

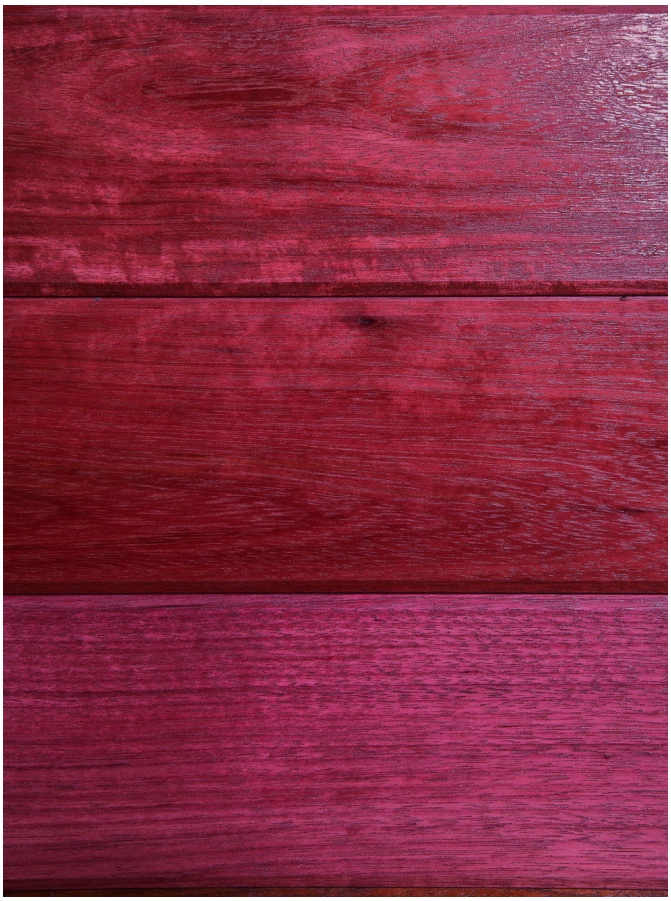
WORKING / FINISHING PROPERTIES

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

Slicing:	*Good*
Nailing / Screwing:	*Pre-boring necessary*
Gluing:	*Good*

Note: Tends to split when nailing.





Purpleheart