JELUTONG

Dyera costulata

Jelutong is a lightweight, stable hardwood native to the tropical rainforests of Southeast Asia. It has a pale creamy-white to light straw color with straight grain and fine, uniform texture that allows it to be easily shaped, carved, machined, and finished. Its exceptionally low density and minimal shrinkage provide excellent dimensional stability, helping it maintain its shape with minimal risk of warping or splitting after drying. Valued for its ease of carving and consistent performance, Jelutong is commonly used for architectural models, detailed woodcarvings, industrial patterns, prototypes, and specialty applications such as matchstick manufacturing.



Surfaced



Surfaced and clear coat



WOOD DESCRIPTION

Color:	*Light yellow*
Sapwood:	*Not Demarcated*
Texture:	*Fine*
Grain:	*Straight*

CHARACTERISTICS

- Easy to work
- Durable
- Resistant to termites

COMMON USES

- Cabinetwork
- Blockboard
- Furniture and Furniture components
- Sliced veneer
- Paneling (interior)
- Joinery (interior)
- Boxes and crates
- Wood carving

AVAILABILITY

- Select & Better
- Mixed Grain
- 5/4, 6/4, 8/4, 12/4 Thicknesses

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PHYSICAL / MECHANICAL PROPERTIES

Air Dry Density	*2.3 lbs/bf*
Specific Gravity:	*0.45*
Janka Hardness (lbs):	*390*
Volumetric Shrinkage:	*6.2%*
Total Tangential Shrinkage (TS):	*5.5%*
Total Radial Shrinkage (RS):	*2.3%*
TS/RS Ratio:	*2.4*

Fiber Saturation Point:	*30%*
Crushing Strength:	*3,916 lbf/in²*
Static Bending Strength:	*1,956,269 lbf/in²*
Modulus of Elasticity:	*1,456,179 lbf/in²*
Stability:	*Stable*

** Based on 12% Moisture Content*

WORKING / FINISHING PROPERTIES

Blunting Effect:	*Normal*
Sawteeth Recommended:	*Ordinary or alloy steel*
Cutting Tools:	*Ordinary*
Peeling:	*Good*

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





Jelutong shelves with a dark stain finish