

SAWN LUMBER

TULIPWOOD

GENERAL DESCRIPTION	
Merchandise Category	Lumber
Timber Species	Tulipwood (Liriodendron tulipifera L.)
Unit of Measurement	Cubic Metre (CBM)
Hardness	Medium
Dimensional Stability	Medium
Oxidation	Medium
Tonality	Heartwood is light cream to yellowish brown, with occasional streaks of gray or green. Sapwood is pale yellow to white, not always clearly demarcated from the heartwood
Histological Structure	Straight grain, medium to fine texture

ESSENTIAL FEATURES	PERFORMANCE
Density	440 kg/m ³ dried- 710 kg/m ³ green
Shrinkage	Radial 4,6%, Tangential 8,2 %
Modulus of Elasticity	10900 MPa
Tensile Strength	3,7 MPa
Compressive Strength	38,2 MPa
Shear Strength	82-119 MPa
Flexural Strength	70 MPa
Biological Durability	Class 4

QUALITY DESCRIPTION:

Appearance class FAS/AB: ideal for wood joinery in general, for prestigious furniture, interior joinery and solid wood mouldings. It is possible to obtain medium to long elements, defect free, medium knottiness, traces of sapwood are not considered a defect.

DIMENSION:

- Variable lengths and widths
- Thicknesses: 27 mm - 33 mm - 40 mm - 45 mm - 52 mm - 65 mm - 80 mm - 100 mm and others depending on the availability

Source: G. Giordano-Tecnologie del legno; Lignum; CTBA. Wood humidity: between 10 and 20% dried Reference Regulations: UNI EN 942 Timber in joinery-General requirements, UNI EN 350 Durability of wood and wood-based products

MAIN USES:

It is used for pallets, crates, upholstered furniture and furniture frames, and plywood, interior joinery, kitchen cabinets, doors, paneling, mouldings, edged-glued panels, turning and carving.

WORKING PROPERTIES:

Sawing is easy, drying is easy if it is done slowly; planning might be difficult; gluing, nailing and screwing are trouble free; finishing is easy.



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