

# Nargusta

## Terminalia Amazonia

### Family

Combretaceae

### Description

Sapwood yellowish, merging gradually into the yellowish, light yellowish-brown or brownish-olive heartwood, often with irregular red-brown streaks. Lustre medium to rather high. Texture medium. Grain normally interlocked. Irregularities in the grain produce a stripe or wavy figure on quarter-sawn boards. Growth rings usually not well defined. No distinct odour or taste evident in seasoned material. Bole cylindrical, buttressed, and 15 to 18mt (50-60 feet) in length. Species found in rain forest, and flat lands.

### Characteristics

Logs left in the forest for any length of time are liable to pinhole borer attack. Also subject to end splitting due to internal stresses, particularly if stored in warm weather. Timber needs care in seasoning. Both air – and kiln drying rates are low. Little tendency to warp but marked end-splitting and surface checking may occur. Hard to work with machine and hand tools. Moderate dulling effect on saw teeth. Straight grained stock planes, moulds, bores, mortises and saws cleanly. Raised grain may occur in planing with interlocked material, for which a knife angle of 10° and saws with 54 teeth and 15° hook are recommended. Turns very well. Glues, stains and polishes satisfactorily. In nailing, pre-boring necessary to prevent splitting. Rated poor to fair for steam bending and only fair in resistance to weathering. Timber resistant to termites but susceptible to marine borers. Sapwood moderately resistant, heartwood extremely resistant to impregnation with preservatives. Difficult to cut into veneer. Moisture movement moderate. Bark used for tanning.

### Uses

Structural timber heavy, Flooring heavy, Mine timber, Ship and boat building, Vehicle body, Furniture, Cabinet work, Veneer, Plywood, Interior trim, Joinery, Sleepers, Poles, Piles.

### Density

810 – 900 Kg/m<sup>3</sup>

### Green

1070 – 1350 Kg/m<sup>3</sup>

### Strength group

S2 – SD2

Moisture Condition	Modulus of rupture		Modulus of elasticity x 10		Maximum crushing strength		Maximum shear strength	
	MPA	LBF/in	MPA	LBF/in	MPA	LBF/in	MPA	LBF/in
Green	103.0	15000	16.3	2360	51.7	7500	13.1	1900
12%	158.0	23000	18.7	2720	81.3	11800	18.7	2720

### Shrinkage

Tangential Green to 12% m.c.*	Radial Green to 12% m.c.*
5.6 – 7.0	3.1 – 4.0

\*Moisture content

### Durability

**(Class 2, durable)** Approximate life in contact with the ground (years), 15 to 20, for conditions significantly different from that represented by ground contact, the life expectancies of the specie would obviously be longer than that indicated in this classification.

**Please Note:** Actual colours of wood may vary from displayed images.