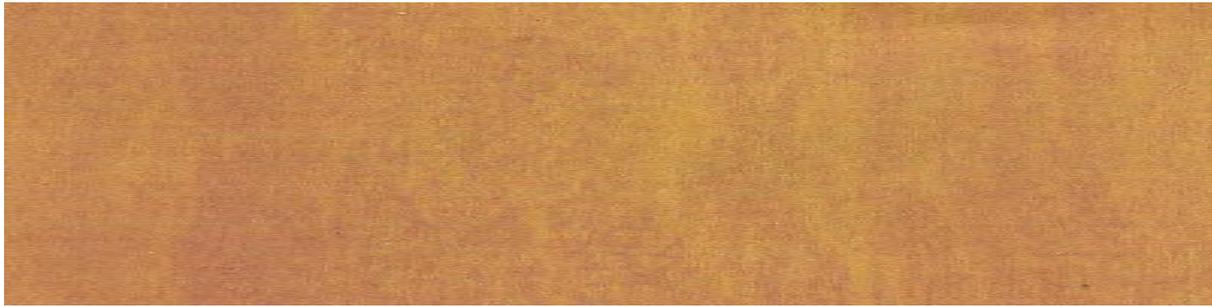


Garapa (*Apuleia leiocarpa/molaris*)



Growth area: Mato Grosso/Rondonia/South-West Para in Brazil till Venezuela.

Trees: The long branch free cylindrical trunks are on average 20m in length and can measure a diameter of about 90 – 120 cm.

Description: The unseasoned heartwood is goldyellowish till yellowish brown. The wood has the tendency to discolour like copper in the air. Little spots can occur in the wood. The white sapwood can easily be distinguished from the heartwood.

Texture/Figure: Wavy grain. Has a fine and uniform texture.

Smell/Taste: No specific smell or taste.

Machining: Sawing and further processing of the wood without any problems. Has no blunting effect on the saw-blades and cutters. A smooth surface is realisable.

Drying: Slowly. Kiln- or air drying can be accelerated. Has no tendencies to show deformations.

Fixation: Keeps nails and screws well, pre-drilling is necessary.

Durability: Class I/II.

Density: Unseasoned: 950 kg / m³; Moisture content 12%: 750 kg / m³

Shrinkage: Radial: 4,4%; Tangential: 8,5% (till oven-dry, in general less than this)

Bending strength: 102 N/mm² (Moisture content 12-15%, measurement till rupture)

Modulus of Elasticity: 14107 N/mm² (Moisture content 12-15%)

Applications: Constructions in marine works, pontoons, bridges, garden timber, park benches, flooring, sleepers, deckings for terraces.

