Garapa

Atibt
Grapia

Other names
Ibiripere (Argentina), almendrillo amarillo (Bolivia), barajuba, ferro, garapa, garapeira, grapia grapiapunha, muirajuba, muirataua, amarelinho, gema-de-ovo, jatai-amarelo (Brazil), cobre (Colombia), grapia, yvira-père (Paraguay), ana (Peru), gateado, mapurite (Venuzuela).

Botanic name
Apuleia leiocarpa, Apuleia spp..

Family
Leguminosae (Caesalpiniaceae)

Growth area
South America, including Argentina, Brazil, Uruguay and Venezuela.

Tree Description	Height 20-30m. the straight branch-free trunk is 15-18m long with a diameter of 0.6-0.9m.
Supply	Sawn wood.
Wood Description	The heartwood is fresh yellow, darkening to light brown to pinkish brown and is clearly distinguishable from the lighter 50-110mm sapwood.
Wood Recognition	Relatively heavy, yellowish-brown wood, on copse face many small vessels with thin parenchyma bands, on the sessile face etage building of the rays.
Grain	Straight to irregular crosshairs.
Texture	Moderate coarse.
Voluminous mass	(750-)800(-900) kg/m3 at 12% moisture content.
Shrinkage	Radial 4,6% and tangential 6,8%.
Drying	Garapa dries slowly with some risk of deformation and drying cracks.
Hardness	Longitudinal plane 8250 N.

© Denderwood

www.denderwood.com
E info@denderwood.com
T + 32 53 73 74 74 **F** + 32 53 73 74 75

Machinability	Garapa can be worked fresh without difficulty. In dry wood, the gravel in the wood causes strong dulling of the cutting tool. If cross grain is present, a smaller cutting angle is recommended.
Nailing & Screwing	Good, but pre-drilling is necessary.
Adhesives	Good.
Bend	Not known
Surface finish	Good.
Impregnability	Heartwood 3, sapwood 3 (according to NEN-EN 350).
Applications	Exterior structures, walking decks, rules, posts and facade joinery. Under roof, for example for furniture and furniture parts, flooring, interior carpentry, stairs and turnings.
Strength class	Unknown.

Sustainability

Relative resistance to mold
Heartwood class 3 (NEN-EN 350: practical experience and field research), class 2 and 3v (literature).

Relative resistance to animal organisms
Drywood borers D(common woodworm D, house borer D), termites M and marine borers D (NEN-EN 350).

© Denderwood

www.denderwood.com
E info@denderwood.com
T + 32 53 73 74 74 **F** + 32 53 73 74 75