

Synonym : *Simarouba amara* Aublet

Family : Simaroubaceae

Vernacular names

Suriname : Simarupa / Adonichi
 Guyana : Aku / Guashi / Simarupa
 French Guiana : Acaju blanc / Simarouba
 Bolivia : Chiriuana
 Brazil : Marupa / Parahyba / Caixeta
 Colombia : Simaruba
 Peru : Marupa
 Venezuela : Cedro blanco / Simarouba

International trade name : Marupa, Simaruba

Occurrence : Suriname, Guianas, Brazil, Tropical South America

Tree description

Bole lenght : bole 15 - 20 m; tree high 30 - 40 m
 Diameter : 0.70 - 0.90 m
 Log shape : straight, cylindrical and tapering; tree base with root spurs

Wood description

Sapwood : not distinct, yellowish white
 Heartwood : light yellow with oily streaks
 Grain : usually straight
 Texture : medium to coarse

Technological characteristics

Physical properties

Green density	(g/cm ³):	0.64
Air dry density at 12% MC	(g/cm ³):	0.43
Tot. tangential shrinkage	(%) :	5.2
Tot. radial shrinkage	(%) :	2.5
Tot. volumetric shrinkage	(%) :	8.3

Mechanical properties

Bending strenght at 12% MC	(N/mm ²):	65
Modulus of elasticity at 12% MC	(N/mm ²):	8500
Crushing strenght at 12% MC	(N/mm ²):	34

Processing

Sawing	: easy; blunting effect: slight
Drying	: easy
Machining	: easy
Gluing	: good
Nailing	: moderate to good
Finishing	: good
Veneering	: slices and peels well

Natural durability

Decay fungi	: poor
Termites	: poor
Marine borers	: poor

Treatability (heartwood) : good

End uses : interior joinery, light furniture, panelling, packaging, crates, toys, musical instruments.



Log shape

Sumaruba - *Quassia simarouba* L.f.