

Gevlamde Bostamarinde (Marblewood)

WOOD DESCRIPTION

Color:	Orange - yellow
Grain:	Straight or interlocked
Interlocked Grain:	Slight
Sapwood:	not specified
Texture:	Medium
Diameter:	25 - 60 cm
Thickness of sapwood:	2 - 3 cm
Log durability:	Moderate
Floats:	No

Physical description

Crushing strength*:	83 (+/- 6)
Specific Gravity *:	1,3 (+/- 0,05)
Stability:	Poorly stable
Static bending strength*:	150 (+/- 20)
Monnin hardness *:	10,6 (+/- 2,0)
Modulus of elasticity *:	27030 (+/- 1125)
Coeff. of volumetric shrinkage:	0,74 % (+/- 0,07)
Total radial shrinkage (RS):	6,0 % (+/- 0,4)
Total tangential shrinkage (TS):	10,5 % (+/- 1,1)
TS/RS ratio (Fiber saturation point):	1,8
Fiber saturation point:	28 %
Musical quality factor:	113 at 2689 Hz

(* at 12% moisture content, with 1 MPa = 1 N/mm²)

Durability

Dry wood borers:	Class S - Susceptible
Fungi:	Class 3 - Moderately durable
Termites:	Class D - Durable
Treatability:	Class 3 - Poorly permeable

DRYING

Drying rate:	Normal to slow
Risk of distortion:	Slight risk
Risk of casehardening:	No
Risk of checking:	High risk
Risk of collapse:	No

SAWING AND MACHINING

Blunting effect:	Fairly high
Sawteeth recommended:	Stellite-tipped
Cutting tools:	Tungsten carbide
Peeling:	Not specified
Slicing:	Nood
Note:	Requires much power. Some difficulties due to hardness and interlocked grain.