



Description

Name: Bosmahonie

Family: Caesalpiniaceae

Botanical name: *Martiodendrum parviflorum*

Common local name: Bosmahonie

Common trade name: Ebano, Granadillo, Bintangor

Botanical characteristics

Mature trees are from 15 to 25 m tall, with a well-formed trunk sometimes 90 cm in diameter. The trees are clear of branches till 12 m. The leaves are alternate. The flowers are bright yellow and they have 5 petals.

Distribution

Venezuela, Colombia, Peru, Ecuador, Guyana, Suriname, French Guiana.

Wood characteristics

The heartwood is dark red to chocolate brown or nearly black, usually with fine pencil-striping of parenchyma, sharply demarcated from the yellowish or pinkish white sapwood. The texture is medium to coarse, the grain is straight to very irregular and the wood doesn't have a distinctive odor or taste.

Processing

Very good. Only drying is slow with a risk of distortion

Durability

Highly resistant to attack by decay fungi and termites

Availability

The production in 2014 was 8,011 m³

Known uses

Furniture, flooring, doors, deckings

Technical Information

| Name | |
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| Botanical name | <i>Martiodendrum parviflorum</i> |
| Trade name | Ebano, Granadillo, Bintangor |
| Local name | Bosmahonie |
| The wood | |
| Color | Brown - reddish |
| Grain | Straight to irregular |
| Texture | Medium to coarse |
| Green density (kg/m³) | 1200 |
| Specific gravity (at 12% MC) | 750 (sd = 110) |
| Volumetric shrinkage (from green to moisture content of 12%) | 0.52% (TS = 7.7% RS = 5.8%) |
| Mechanical properties (at a moisture content of 12%) | |
| Static bending (N/mm²) | 105 (sd = 23) |
| Compression strength (N/mm²) | 66 |
| Janka - Hardness (N) | Monnin Hardness = 5.7 N |
| Processing properties (1 = poor , 2 = fair , 3 = good , 4 = very good , 5 = excellent) | |
| Sawing | 5 |
| Drying | 3 |
| Nailing | 5 |
| Gluing | 5 |
| Finishing | 5 |
| Natural durability | Highly resistant to attack by decay fungi and termites |
| Known uses | Furniture, flooring, doors, deckings |

TS= Tangential shrinkage / **RS**= Radial Shrinkage / **SD**= Standard deviation / **MC**=Moisture Content



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