

Dibetou

ORIGIN

Western Africa

SCIENTIFIC NAME

Lovoa trichilioides

COMMON NAMES

Dibetou, Bibolo, Embero, Africon Walnut

FAMILY

Meliaceae

SAPWOOD

Clearly demarcated

HEARTWOOD

COLOUR: Brown

VEIN: Demarcated

GRAIN: Straight or wavy

TEXTURE: Fine



PHYSICAL PROPERTIES

Green wood density (kg/m³): 540

Density at 12% (kg/m³): 530

Total tangential shrinkage (t%): 5,8

Total radial shrinkage (r%): 3,7

Coeff. of volumetric shrinkage (v%): 0,43

Crushing strength (n/mm²): 47

Bending strength (n/mm²): -

Static bending strength (n/mm²): 72

Modulus of elasticity (n/mm²): 10.460

Monnin hardness: 2,3

TRANSFORMATION

SAWING: Good

DRYING RATE: Fast, slight risk of distortion and checking

MACHINING: Good

FINISHING: Good

GLUING: Regular

NAILING: Good

SCREWING: Good

USE CLASS ENSURED BY NATURAL DURABILITY

Class 2

Interior or outside

END-USE

Plywood

Floors

Furniture

Cabinets

Varied objects