

Mutenye

ORIGIN

Angola, Congo, Zaire

SCIENTIFIC NAME

Guibourtia arnoldiana

COMMON NAMES

Mutényé, Mbenge, Benzi, M'Penze

FAMILY

Fabaceae-Caesalpiroideae

SAPWOOD

Clearly demarcated

HEARTWOOD

COLOUR: Brown to yellow brown, with gray or reddish veins

VEIN: Straight or slightly interlocked

GRAIN: Fine to medium

TEXTURE: Fine



PHYSICAL PROPERTIES

Green wood density (kg/m³): 1.000 - 1.100

Density at 12% (kg/m³): 790

Total tangential shrinkage (t%): 8,8

Total radial shrinkage (r%): 5,0

Coeff. of volumetric shrinkage (v%): 0,56

Crushing strength (n/mm²): 79

Bending strength (n/mm²): -

Static bending strength (n/mm²): 138

Modulus of elasticity (n/mm²): 21.250

Monnin hardness: 5,9

TRANSFORMATION

SAWING: Hard, requires specific tools

DRYING RATE: Slow, risk of distortion and checking

MACHINING: Hard due to interlocked grain

FINISHING: Good

GLUING: Good

NAILING: Good, pre-boring is necessary

SCREWING: Good

USE CLASS ENSURED BY NATURAL DURABILITY

Class 2

Interior or outside

END-USE

Interior carpentry

Veneer

Flooring

Cutlery