

Ayous

ORIGIN
África

SCIENTIFIC NAME
Triplochiton scleroxylon

COMMON NAMES
Ayous, Samba, Obeche, Wawa

FAMILY
Malvaceae

SAPWOOD
Not demarcated

HEARTWOOD
COLOUR: Light yellow
VEIN: -
GRAIN: Straight or interlocked
TEXTURE: Medium



PHYSICAL PROPERTIES

Green wood density (kg/m³): -
Density at 12% (kg/m³): 380
Total tangential shrinkage (t%): 5,0
Total radial shrinkage (r%): 2,9
Coeff. of volumetric shrinkage (v%): 0,36
Crushing strength (n/mm²): 30
Bending strength (n/mm²): -
Static bending strength (n/mm²): 52
Modulus of elasticity (n/mm²): 7.260
Monnin hardness: 1,1

TRANSFORMATION

SAWING: Good, doesn't require specific tools
DRYING RATE: Slow, slight risk of distortion and checking
MACHINING: -
FINISHING: -
GLUING: Regular
NAILING: Hard, pre-boring is necessary
SCREWING: Hard, pre-boring is necessary

USE CLASS ENSURED BY NATURAL DURABILITY

Class 1
Interior

END-USE

Interior
Molding
Veneers
Furniture
Interior Panels
Sculpture
Pencil
Boxes
Matches
Components