

Niangon

ORIGIN

Liberia, Côte d'Ivoire, Ghana, Gabon

SCIENTIFIC NAME

Heritiera utilis, Heritiera densiflora

COMMON NAMES

Nyankom, Ogoue

FAMILY

Sterculiaceae

SAPWOOD

Clearly demarcated

HEARTWOOD

COLOUR: Red brown

VEIN: Slightly interlocked

GRAIN: Medium

TEXTURE: Demarcated



PHYSICAL PROPERTIES

Green wood density (kg/m³): 900 - 1.000

Density at 12% (kg/m³): 700

Total tangential shrinkage (t%): 8,8

Total radial shrinkage (r%): 4,2

Coeff. of volumetric shrinkage (v%): 0,45

Crushing strength (n/mm²): 55

Bending strength (n/mm²): -

Static bending strength (n/mm²): 103

Modulus of elasticity (n/mm²): 14.430

Monnin hardness: 3,8

TRANSFORMATION

SAWING: Good, but requires specific tools

DRYING RATE: Medium, slight risk of distortion and checking

MACHINING: Hard due to interlocked grain

FINISHING: Good, pre-boring is necessary

GLUING: Good

NAILING: Good

SCREWING: -

USE CLASS ENSURED BY NATURAL DURABILITY

Class 2

Interior or outside

END-USE

Interior and exterior carpentry (windows and floors)