

ILOMBA

1 PILOT NAME : **ILOMBA**
SCIENTIFIC NAME : *Pycnanthus angolensis* Warb.
(= *Pycnanthus kombo* Warb.)
FAMILY : Myristicaceae

2 a. Regional distribution : West Africa - Central Africa
b. Sierra Leone : KPOYEI
Ivory Coast : WALELE
Ghana : OTIE
Nigeria : AKOMU
Equat. Guinea : CALABO
Cameroon : ETENG
Gabon :
Congo : ILOMBA
Angola :
Zaire : LOLAKO, LIFONDO
Great-Britain : (= PYCNANTHUS)
c. Pr. = IMP. Ex. = FREQ.

3 a. Sapwood : no distinguishable
b. **Heartwood** : - colour : greyish white to pale pinkish beige
- grain : straight
- texture : medium coarse
- silver figure : medium

4 TECHNOLOGICAL PROPERTIES

- Green weight (kg/m ³) =		750 - 850
- Specific gravity at 12 % M.C. (kg/m ³) MV ₁₂ =		(light) 480
- Volumetric swelling for 1 % MC variation V % =		(medium) 0.38
- Total tangential swelling T % =		9.4
- Total radial swelling R % =		4.8
- Crushing strength (N/mm ²) C12 =		39
- Static bending strength (N/mm ²) F12 =		88
- Modulus of elasticity (N/mm ²) E12 =		8200

5 PROCESSING

Solid wood

- : - sawing : Easy
Blunting effect : Slight
- drying : Medium
Risks of distortion = High
Risks of checking = High
- machining : No difficulty
- wood bending : No data
- gluing : Good
- nailing : Holding properties = Good
Pre-boring advisable (fissile wood)
- finishing : Good

Veneer

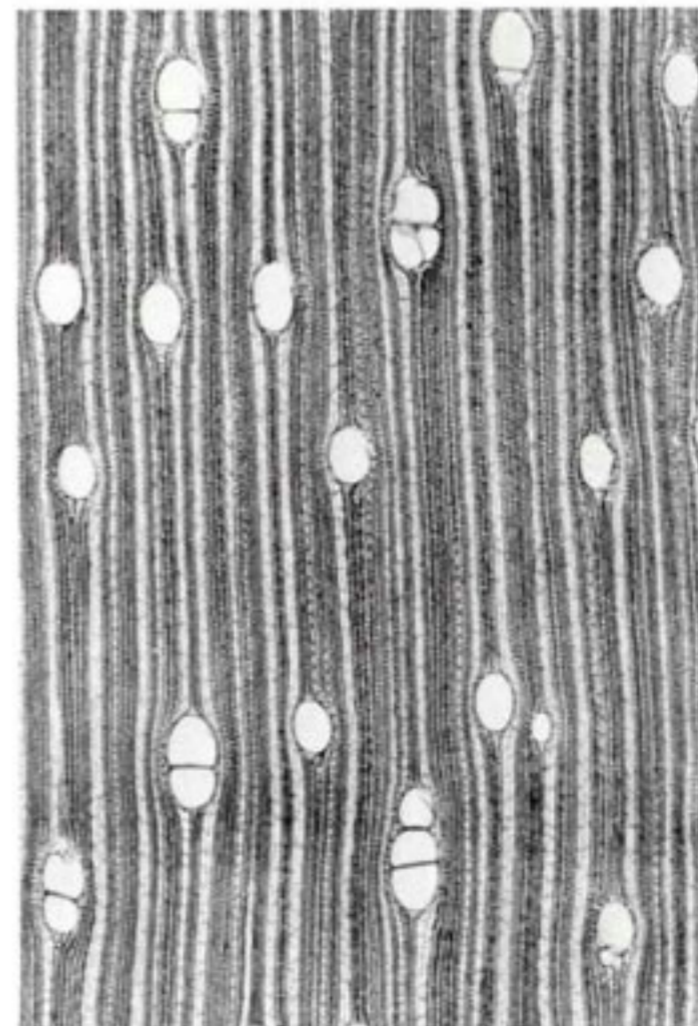
- : interesting for ROTARY PEELING (Room Temp. or C)

6 END USES

- Interior joinery
- **Moulding** - interior trim
- **Plywood**
- Furniture components

7 REMARKS

- natural durability : Perishable
- lyctus susceptibility : Yes
- preservative treatment : Permeable
- very susceptible to fungi and scolytidae attacks. Should be extracted rapidly from forest. Preservation treatment for logs, green sawn timber, veneers
- other remarks :
 - Possible confusion with EKOUNE
 - Potential substitute for VIROLA (**virola sp. p.**) and BABOEN.



Cross Section (x 14) photo CTFT

Reproduced actual size