

OKOUMÉ

1 PILOT NAME : **OKOUMÉ**
SCIENTIFIC NAME : Aucoumea klaineana Pierre
FAMILY : Burseraceae

2 a. Regional distribution : Central Africa
b. Equat. Guinea : OKUME, N'GOUMI
Gabon : OKOUME, ANGOUMA
Congo : N'KUMI
Great-Britain : GABOON (OKAKA/AZOUGA = deep splines on logs)
c. Pr. = REGUL., IMP. Ex. = VERY IMP.

3 a. Sapwood : demarcated, freyish white, narrow.
b. **Heartwood** :
- colour : salmon-pink to dark-pink, darkening on exposure
- grain : slightly interlocked to frequently interlocked
- texture : fine to medium
- silver figure : fine (barely visible)

4 TECHNOLOGICAL PROPERTIES

- Green weight (kg/m ³) =		550 - 650
- Specific gravity at 12 % M.C. (kg/m ³) MV ₁₂ =		(light) 440
- Volumetric swelling for 1 % MC variation V % =		(small) 0.33
- Total tangential swelling T % =		7.5
- Total radial swelling R % =		4.8
- Crushing strength (N/mm ²) C12 =		36
- Static bending strength (N/mm ²) F12 =		87
- Modulus of elasticity (N/mm ²) E12 =		7800

5 PROCESSING

Solid wood

- : - sawing : Easy
Blunting effect : Moderate to severe
- drying : Rapid
Risks of distortion = Slight
Risks of checking = Slight
- machining : Difficulties due to irregular grain / Special toll
- wood bending : No data available
- gluing : Good
- nailing : Holding properties = Good
- finishing : Good

Veneer

- : interesting for ROTARY PEELING (Room temp or C) and for SLICING

6 END USES

- Plywood
- Furniture components
- Mouldings
- Boxes and crates
- Interior joinery
- Blackboards
- Pleasure boats

7 REMARKS

- natural durability : Moderate
- lyctus susceptibility : No
- preservative treatment : Moderate
- other remarks :
 - Frequent defects : wooly heartwood OZOUGA.
 - Aspect and color differing with provenances (Equatorial Guinea : lighter).



Cross Section (x 14) photo CTFT

Reproduced actual size