

T TEK NOL OJIK AHŞAP

30
YEARS

techno@wood
DESIGN ARCHITECTURE SYSTEMS

W@HOOD
BY RETHINK

EUROCOMPOSITE

DATA TABEL FOR WOOD : WOOD CLASS I (>25Y) : AFROMOSIA

Mechanical Properties

Quantity	Value	Unit
Young's modulus	11600 - 13500	MPa
Tensile strength	0 - 2.5	MPa
Compressive strength	66 - 70	MPa
Bending strength	129 - 150	MPa

Physical Properties

Quantity	Value	Unit
Density	0 - 650	kg/m ³

Environmental Data

Quantity	Value	Unit
Eco indicator 95	32540,00	mPt
EPS	229	mELU
Ex (in) / Ex (out)	260.615.711.252.654	MJ/MJ
GER	42.7	MJ
Raw materials input	556.310.037.323.123	kg
Solid	0.1150297	kg
Eco indicator 99	46905,00	Pt

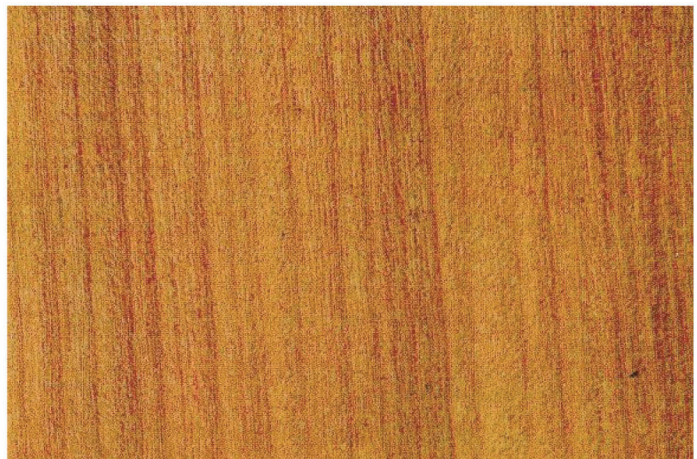
Environmental remarks Afromosia is dominantly imported from tropical Africa. The wood is not cultured. The deforestation of tropical wood causes serious local environmental problems and is related to the climate change in the world. The transport to the Netherlands requires 2 * 250km by trailers (from factory to forest and back) and 6330km by ship.

General

Author: Idemat 1998

Remarks Origin: Tropical Africa (Ghana, Congo, Cameroon). Colour and texture: greenish-yellow to yellowbrown; dark graining. Smell: offensive. Workability: good to machine; good bonding by glue; excellent polishable surface. Lower Heating Value 18.3 MJ

Sample



WHOOD

BY RETHINK

Exclusive Distributor

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