

PHYSICAL & MECHANICAL PROPERTIES

KEMPASS

Physical Properties:

Air Dry Density:	770 – 1,120 kg/m ³	
Shrinkage	Radial:	2.0 %
	Tangential:	3.0 %
Seasoning:	Seasons fairly slowly with little or no defects	

Mechanical Properties:

Strength Group:	A	
Static Bending MOE:	18,600 N/mm ²	
	MOR:	122 N/mm ²
Compression Strength	Perpendicular to Grain:	7.52 N/mm ²
	Parallel to Grain:	65.60 N/mm ²
Shear Strength:	12.40 N/mm ²	

Durability: Moderately Durable

Uses / Applications:

- Construction
- Bridges
- Wharves
- Railway Sleepers
- Transmission Posts
- Beams
- Joists
- Parquet & Strip Flooring
- Panelling
- Heavy duty furniture
- Heavy duty pallets
- Boxes, Crates & Tool Handles
- Fence Posts

Source: Malaysian Timber Industry Board, 1994, €100 Malaysian Timbersnd Edition.