

PHYSICAL & MECHANICAL PROPERTIES DARK RED MERANTI / OBA SULUK



Physical Properties:

Air Dry Density:	560 – 865 kg/m ³
Shrinkage Radial:	1.1. – 2.1 %
Tangential:	2.9 – 4.4 %
Seasoning:	Dries fairly fast and is free from seasoning defects.



Mechanical Properties:

Strength Group:	C
Static Bending MOE:	11,200 – 13,900 N/mm ²
MOR:	74 – 92 N/mm ²
Compression Strength Perpendicular to Grain:	2.97 – 5.03 N/mm ²
Parallel to Grain:	38.80 – 52.90 N/mm ²
Shear Strength:	8.00 – 11.40 N/mm ²
Durability:	Moderately Durable

Uses / Applications:

- Construction
- Furniture
- Joinery
- Interior Fittings
- Door & Window Frames
- Panelling
- Partitions
- Utility Flooring
- Moulding
- Fancy Doors
- Boat Construction
- Veneer & Plywood

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