

Wood Technical Fact Sheet

Angelim-Vermelho

Dinizia excelsa Ducke
Leguminosae Mimosoidea

General Characteristics:

Heartwood light reddish brown, slightly distinct from the reddish gray sapwood. Distinct growth rings, grain interlocked, texture medium, luster medium and disagreeable odor.

Density:

Heavy wood, with density at 12% moisture content of 990 kg/m³ and green density of 1,260 kg/m³.

Drying:

Kiln-dries rapidly, with a moderate tendency for medium twisting and slight collapse, when submitted to the drying schedule 3.

Workability:

Plane: regular to work, very bad finishing; turn: easy to work, excellent finishing; bore: regular to work, regular finishing.

Durability:

Very good resistance to fungi and termites and good resistance to dry-wood insects.

Preservation:

Heartwood not treatable with creosote and CCA-A, even with pressure-vacuum systems.

Uses:

Civil and naval construction, railroad crossties, posts, turnery and others

Source: Machado, Luiz Claudio. Brazilian Tropical Woods 2nd Edition. Edicoes IBAMA. 2002