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--- TAMARINDO ---

**Commercial Designation:**

Tamarindo

**Scientific Designation:**

Dialium guianense (AUBL.) SANDW

**General Characteristics:**

Very heavy wood; reddish brown heartwood, notably distinct from sapwood, white, slightly yellow; normal grain of wood; medium texture, shiny surface, smooth to touch; imperceptible scent and taste.

**Main Applicabilities:**

TAMARINDO Wood, for being so heavy and of high mechanical strength, and of low shrinkage ratio in relation to its weight density; and still, of moderated durability, is indicated for using in civil engineering as beams, rafters/joists, wooden planks, parquets, flooring boards, sleepers, lamp posts, bridges, double tee junction, vehicles, train cars, tool handles, agricultural implements, etc...

**Mechanical Properties\*:**

	Classification
Janka Hardness - green timber (Kgf)	1,420 - high

**Physical Properties\*:**

	Classification
Weight density at 15% m.c. (g/cm <sup>3</sup> )	1,12 - very heavy
Shrinkage (%) (from f.s.p. to 0% m.c.)	Classification
Radial	6,3 - high
Tangential	11,5 - medium
Volumetric	17,7 medium
Cierage - green timber (Kgf/cm <sup>3</sup> )	0,80 - high

(\* ) Tests according to Brazilian Standart MB-26/53 - ABNT (NBR-6230/85 - INMETRO). Average results of 3 trees.

