



***Pterogyne nitens***

**Family: Leguminosae**

**Amendoim**

**Viraro**

**Other Common Names:** Amendoim, Ibiraro, Pau fava (Brazil), Guiaro, Ibiraro, Viraro, (Argentina).

**Distribution:** Argentina, southern Paraguay, and Brazil; scattered occurrence.

**The Tree:** Attains a maximum height of over 100 ft but more commonly not over 75 ft with a well formed trunk, diameter 2 to 3 ft, exceptionally 4 ft.

**The Wood:**

**General Characteristics:** Heartwood reddish brown suggesting mahogany often with darker striping; not sharply demarcated from the yellowish-brown sapwood. Luster medium to high; texture medium; grain often roey; without distinctive odor or taste.

**Weight:** Basic specific gravity (ovendry weight/green volume) 0.66; air-dry density 50 pcf.

**Mechanical Properties:** (2-cm standard)

Moisture content (%)	Bending strength (Psi)	Modulus of elasticity (1,000 psi)	Maximum crushing strength (Psi)
Green (30)	11,900	1,610	5,650
15%	16,900	NA	7,660

Janka side hardness for green material 1,340 lb. Amsler toughness 354 in.-lb. at 15% moisture content (2-cm specimen).

**Drying and Shrinkage:** No data available on drying characteristics or on kiln schedules. Shrinkage green to ovendry: radial 3.4%; tangential 6.0%; volumetric 10.0%. Reported to hold its place well after manufacture.

**Working Properties:** Rather easily worked and finishing very smoothly.

**Durability:** Reported to be fairly durable.

**Preservation:** No information available.

**Uses:** Fine furniture and cabinet work, turnery, interior trim, cooperage, and steam bent work.

**Additional Reading:** (30), (56), (69)

30. Instituto de Pesquisas Tecnologicas. 1956. Tabelas de resultados obtidos para madeiras nacionais. Bol. Inst. Pesqu. tec. Sao Paulo No. 31.

56. Record, S. J., and R. W. Hess. 1949. *Timbers of the new world*. Yale University Press, New Haven, Conn.
69. Tortorelli, L. A. 1956. *Maderas y bosques argentinos*. Editorial Acme S.A.C.I. Maipu 92, Buenos Aires.

***From: Chudnoff, Martin. 1984. Tropical Timbers of the World. USDA Forest Service. Ag. Handbook No. 607.***