

# JANKA HARDNESS RATINGS

(lbs. force)

<u>Species</u>	<u>Hardness</u>
Australian Buloke (Bull-oak)	5060
Lignum vitae / Guayacan / Pockenholz	4500
Patagonian Rosewood / Curupay / Angico Preto / Piptadenia Macrocarpa / Brazilian Tiger Mahogany	3840
Brazilian Olivewood	3700
Brazilian Ebony	3692
Ipê / "Brazilian Walnut" / Lapacho	3684
African Pearlwood / Moabi Sometimes: Brazilian Cherry "Lite"	3680
Grey Ironbark	3664
Bolivian Cherry	3650
Lapacho	3640
Cumaru / "Brazilian Teak" sometimes: "Brazilian Chestnut," "Tiete Chestnut," "South American Chestnut," "Southern Chestnut"	3540
Ebony	3220
Brazilian Redwood / Paraju / Massaranduba	3190
Yvyraro	3040
Stranded/woven bamboo	3000
Bloodwood	2900
Red Mahogany, Turpentine	2697
"Southern Chestnut"	2670
Spotted Gum	2473
Brazilian Cherry / Jatoba	2350
Mesquite	2345
"Golden Teak"	2330
Santos Mahogany, Bocote, Cabreuva, Honduran Rosewood	2200
Pradoo	2170
Brazilian Koa	2160
Sucupira sometimes "Brazilian Chestnut" or "Tiete Chestnut"	2140
Brushbox	2135
Osage Orange[2]	2040
Karri	2030
Sydney Blue Gum	2023
Bubinga	1980
Cameron[disambiguation needed]	1940

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Tallowwood	1933
Merbau	1925
Amendoim	1912
Jarrah	1910
Purpleheart	1860
Goncalo Alves / Tigerwood	1850
Hickory / Pecan, Satinwood	1820
Afzelia / Doussie / Australian Wormy Chestnut	1810
Bangkirai	1798
Rosewood	1780
African Padauk	1725
Blackwood	1720
Merbau	1712
Kempas	1710
Black Locust	1700
Highland Beech	1686
Wenge, Red Pine, Hornbeam	1630
Tualang	1624
Zebrawood	1575
True Pine, Timborana	1570
Peroba	1557
Sapele / Sapelli, Kupa'y	1510
Curupixa	1490
Sweet Birch	1470
Hard Maple / Sugar Maple	1450
Caribbean Walnut	1390
Coffee Bean	1390
Natural Bamboo (represents one species)	1380
Australian Cypress	1375
White Oak	1360
Tasmanian Oak	1350
Ribbon Gum	1349
Ash (White)	1320
American Beech	1300
Red Oak (Northern)	1290

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Caribbean Heart Pine	1280
Yellow Birch, Iroko	1260
Movingui	1230
Heart Pine	1225
"Brazilian Mesquite" / Carapa Guianensis	1220
Larch	1200
Carbonized Bamboo (represents one species)	1180
Teak	1155
Cocobolo	1136
Brazilian Eucalyptus / Rose Gum	1125
Makore	1100
Siberian Larch	1100
Peruvian Walnut	1080
Boreal	1023
Black Walnut/North American Walnut	1010
Cherry	995
Black Cherry, Imbuia	950
Red Maple	950
Boire	940
Paper Birch	910
Eastern Red Cedar	900
Southern Yellow Pine (Longleaf)	870
Lacewood, Leopardwood	840
African Mahogany	830
Mahogany, Honduran Mahogany	800
Parana	780
Sycamore	770
Shedua	710
Silver Maple	700
Southern Yellow Pine (Loblolly and Shortleaf)	690
Douglas Fir	660
Western Juniper	626
Alder (Red)	590
Larch	590
Chestnut	540

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Hemlock	500
Western White Pine	420
Basswood	410
Eastern White Pine	380
Balsa	100
Cuipo	22