

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 |