

Janka Hardness Scale

The Janka scale is used to determine the relative hardness of particular domestic or exotic wood species. The Janka test measures the amount of force required to embed a 0.444" steel ball into the wood to half of its diameter. Woods with a higher rating are harder than woods with a lower rating.

JANKA HARDNESS SCALE					
JANKA	SPECIE NAME	JANKA	SPECIE NAME	JANKA	SPECIE NAME
350	Buckeye Burl	1294	Makore	2200	Honduras Rosewood Burl
380	Aspen	1320	Curly White Ash	2250	Chakte Viga
410	Basswood	1320	Swamp Ash	2318	Spalted Tamarind
470	Guanacaste (Parota)	1320	White Ash	2400	Osage Orange (Argentine)
490	Butternut	1330	Shedua	2400	Santos Mahogany
540	American Chestnut	1335	Quarter Sawn White Oak	2410	Bubinga
540	Mappa Burl	1335	White Oak	2410	Figured Bubinga
540	Poplar	1350	Ebiara	2410	Quilted Bubinga
600	Spanish Cedar	1360	English Brown Oak	2430	Cochen Rosewood
800	Genuine Mahogany	1400	Eucalyptus	2430	Indian Ebony
840	Leopardwood	1400	Mayan Walnut	2440	E. Indian Rosewood
850	Black Ash	1439	Quilted Sapele	2480	Tamboti
850	Curly Western Maple	1450	Bark Pocket Maple	2490	Brown Mallee Burl
850	Quilted Western Maple	1450	Birdseye Maple	2490	Red Mallee Burl
850	Western Maple Burl	1450	Curly Maple (Hard Maple)	2500	Tulipwood
891	Lacewood	1450	Hard Maple	2520	Figured Purpleheart
930	Anigre	1450	Hard Maple Burl	2520	Purpleheart
950	Cherry	1450	Quarter Sawn Maple	2532	Marblewood
950	Chery Burl	1450	Rift Sawn Hard Maple	2620	Amazon Rosewood
950	Curly Cherry	1450	Spalted Maple	2690	Jatoba
950	Curly Maple (Red Leaf)	1460	Madrone Burl	2690	Olivewood
950	Maple (Red Leaf)	1500	Sapele	2700	Granadillo
950	Tornillo	1520	Canarywood	2760	Osage Orange (USA)
960	Peruvian Walnut	1548	Honey Locust	2900	Bloodwood
1010	Walnut	1560	Afrormosia	2920	Yellow Box Burl
1020	Holly	1712	Merbau	2960	Cocobolo
1055	Curly Pyinma	1780	Black & White Ebony	3000	Mun Ebony
1100	African Mahogany	1810	Afzelia Burl	3080	Gaboon Ebony
1100	Figured Mango	1820	Hickory	3220	Macassar Ebony
1160	Thuya Burl	1830	Figured Zebrawood	3230	Pink Ivory
1170	Koa	1830	Zebrawood	3330	Cumaru
1200	Masur Birch	1860	Jarrah Burl	3340	Camatillo
1200	Redheart	1878	Yellowheart	3340	Kingwood
1210	Nicaraguan Rosewood	1900	Red Palm	3370	Grey Box Burl
1220	Curly Oak	1930	Wenge	3390	Mopani
1220	Quarter Sawn Red Oak	1960	Bolivian Rosewood	3590	Brown Ebony
1220	Red Oak	1970	Padauk	3660	Figured Katalox
1220	Spalted Oak	1970	Ziricote	3660	Katalox
1260	Amboyna Burl	2010	Bocote	3670	African Blackwood
1260	Birch	2020	Black Palm	3690	Brazilian Ebony
1260	Birch Burl	2140	Sucupira	3710	Lignum Vitae (Argentine)
1260	Curly Narra	2160	Goncalo Alves	3730	Red Coolibah Burl
1260	Flame Birch	2200	Chechen	3800	Snakewood
1260	Narra	2200	Honduras Rosewood	4380	Lignum Vitae (Genuine)
1294	Figured Makore				

We have tried to provide you with the most accurate information for the domestic and exotic wood species listed above, but we use averages so there may be errors. Please use the following information as a guide. (If you find any errors please contact us)