

Specific Gravity

Specific Gravity is a simple ratio between the weight of wood and the weight of water. For instance, the typical dried weight of a cubic-foot of Hard Maple is 45 lbs. and the weight of a cubic foot of water is 62.38 lbs. To calculate Specific Gravity, divide 45 by 62.38 = .72

Substances with a Specific Gravity of less than one (1) will float.

SPECIFIC GRAVITY					
Specific Gravity	Specie Name	Specific Gravity	Specie Name	Specific Gravity	Specie Name
0.34	Buckeye Burl	0.66	Curly White Ash	0.85	Chakte Viga
0.37	Mappa Burl	0.66	Narra	0.85	Marblewood
0.38	Spanish Cedar	0.66	Swamp Ash	0.85	Olivewood
0.39	Guanacaste (Parota)	0.66	White Ash	0.85	Red Mallee Burl
0.40	Anigre	0.67	Black & White Ebony	0.85	Yellow Box Burl
0.42	Basswood	0.67	Honey Locust	0.86	Cumaru
0.45	Aspen	0.68	Redheart	0.86	Figured Purpleheart
0.45	Butternut	0.69	Afromosia	0.86	Goncalo Alves
0.48	American Chestnut	0.71	Birch	0.86	Purpleheart
0.51	Masur Birch	0.71	Birch Burl	0.86	Red Coolibah Burl
0.51	Poplar	0.71	Flame Birch	0.88	Black Palm
0.51	Tornillo	0.72	Bark Pocket Maple	0.88	Bubinga
0.53	African Mahogany	0.72	Birdseye Maple	0.88	Chechen
0.53	Koa	0.72	Curly Maple (Hard Maple)	0.88	Figured Bubinga
0.55	Curly Pynma	0.72	English Brown Oak	0.88	Granadillo
0.55	Curly Western Maple	0.72	Hard Maple	0.88	Quilted Bubinga
0.55	Peruvian Walnut	0.72	Hard Maple Burl	0.88	Tamboti
0.55	Quilted Western Maple	0.72	Padauk	0.89	Amazon Rosewood
0.55	Western Maple Burl	0.72	Quarter Sawn Maple	0.90	Gaboon Ebony
0.56	Walnut	0.72	Rift Sawn Hard Maple	0.90	Merbau
0.58	Azelia Burl	0.72	Spalted Maple	0.90	Mun Ebony
0.58	Cherry	0.73	Bocote	0.90	Spalted Tamarind
0.58	Cherry Burl	0.73	Ziricote	0.91	Jatoba
0.58	Curly Cherry	0.74	Canarywood	0.91	Leopardwood
0.58	Ebiara	0.74	Figured Zebrawood	0.91	Tulipwood
0.59	Genuine Mahogany	0.74	Zebrawood	0.94	Cochin Rosewood
0.60	Figured Mango	0.75	Red Palm	0.95	Pink Ivory
0.61	Holly	0.75	Shedua	0.96	Bloodwood
0.62	Figured Makore	0.76	E. Indian Rosewood	0.96	Honduras Rosewood
0.62	Lacewood	0.77	Madrone Burl	0.96	Honduras Rosewood Burl
0.62	Makore	0.77	Mayan Walnut	0.98	Mopani
0.62	Quilted Sapele	0.77	Quarter Sawn White Oak	1.00	Sucupira
0.62	Sapele	0.77	White Oak	1.01	Macassar Ebony
0.62	Thuya Burl	0.80	Indian Ebony	1.04	Brown Ebony
0.63	Curly Maple (Red Leaf)	0.80	Wenge	1.04	Figured Katalox
0.63	Curly Oak	0.80	Yellowheart	1.04	Katalox
0.63	Maple (Red Leaf)	0.81	Osage Orange (USA)	1.08	Snakewood
0.63	Nicaraguan Rosewood	0.81	Santos Mahogany	1.10	Cocobolo
0.63	Quarter Sawn Red Oak	0.82	Eucalyptus	1.10	Kingwood
0.63	Red Oak	0.82	Hickory	1.10	Lignum Vitae (Argentine)
0.63	Spalted Oak	0.83	Osage Orange (Argentine)	1.12	Grey Box Burl
0.66	Amboyna Burl	0.84	Bolivian Rosewood	1.12	Lignum Vitae (Genuine)
0.66	Black Ash	0.84	Jarrah Burl	1.17	Brazilian Ebony
0.66	Curly Narra	0.85	Brown Mallee Burl	1.19	Camatillo
				1.20	African Blackwood

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)