

| Name | Scientific names(s) | Growing area | End-uses | Durability | | | | | | | | | | | | | | | | | |
|---|--|---|---|---|--|--|-------------------------------------|-----------------------------|---|--|--|-------------------------------------|---|-------------------------------------|---------------------------------------|--|---|-----------------|-----------------|----------|---------------|
| | | | | Average gravity (at 12% moisture content) | Radial shrinkage in% (from wet to 0% moisture content) | Tangential shrinkage in% (from wet to 0% moisture content) | Coeff. of volumetric shrinkage in % | Fiber saturation point in % | Static bending strength in N/mm ² (perpendicular to the fiber) | Modulus of elasticity in N/mm ² | Crushing strength / fiber in N/mm ² | Shear strength in N/mm ² | Splitting strength / mm width in N/mm (r-t) | Strength class according to EN-1912 | Janka hardness in N, on the head ends | Janka hardness in N, alongside the fiber | Monnin hardness at 12% wood moisture in MPa N/mm ² | Fungus (EN 350) | Dry wood borers | Termites | Marine borers |
| Angelim Pedra, Angelim Fava, Angelim Amarelo, Koraroballi (GUY), Darina (GUY), Makka Kabbes (SUR) | <i>Hymenolobium elatum</i> , <i>H. complicatum</i> , <i>H. excelsum</i> , <i>H. flavum</i> , <i>H. heterocarpum</i> , <i>H. modestum</i> , <i>H. nitidum</i> , <i>H. petraeum</i> , <i>H. pulcherrimum</i> , <i>H. sericeum</i> | Brazil, Suriname, Guyana, French-Guyana, Bolivia, Peru, Venezuela | Interior carpentry, Exterior panelling, Window frames (also finger-jointed), Exterior doors, Construction timber, Bridge construction, Window sills, Wagon- and bodywork construction, Ship building, Furniture, Parquet, Stairs, Decking, Turneries, Walking sticks, Handles | 840 | 4,4 | 7,1 | 0,67 | 25 | 121 | 14100 | 62 | 14 | 61 | D35 | 9030 | 7650 | 6,3 | 2-3 Lit. | N | N | |
| Angelim Vermelho, Faveira Ferro, Faveira Dura | <i>Dinizia excelsa</i> | Brazil, Amazon Basin, Guyana's | Hydraulic engineering, Bridge construction, Ship building, Harbour constructions, Sheet piling, Waterfront/shore protection, Crane mats, Braided mats, Car bottoms, Industrial flooring, Workbenches, Noise protection walls, Anti-parking-posts, Fruit tree stakes, Vineyard stakes | 1000 | 5,7 | 9,5 | 0,68 | 23 | 156 | 16900 | 85 | 18 | | D50 | 14300 | 13500 | 17,1 | 1 | D | D | M-D |
| Cumaru, Cumaru Ferro (yellow), Cumaru Rosa (red), Champanhe (yellow), Tonka Bean (GUY+SUR) | <i>Dipteryx odorata</i> (yellow), <i>Dipteryx magnifica</i> (red), <i>D. polyphylla</i> , <i>D. punctata</i> , <i>D. trifoliata</i> | Tropical South America | Construction timber (heavy), Sheet piling, Noise protection walls, Bridge decks, Decks for ramps, walkways and pontoons, Truck floors, Street/Park furniture, Boat building, Ship building, Exterior panelling, Veneers, Turnery, Discs for backgammon/ checkers, Sculpture, Spare wood for Guaiacum (not for bearings) | 1025 | 5,0 | 7,6 | 0,73 | 22 | 188 | 20800 | 95 | 15 | 75 | D60 | 11100 | 15700 | 13,1 | 1 | D | D | N |
| Garapa, Garapeira | <i>Apuleia leiocarpa</i> , <i>A. molaris</i> | South America, Brazil, Venezuela, Argentina, Uruguay | Construction timber (exterior), Piers, Posts, Stakes, Facade elements, Furniture, Furniture components, Strip flooring, Interior carpentry, Stairs, Turneries | 825 | 4,4 | 8,5 | 0,52 | 22 | 129 | 16800 | 67 | | | un known | | 8250 | 6,7 | 3 | D | M | D |

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| | | | | Average gravity (at 12% moisture content) | Radial shrinkage in% (from wet to 0% moisture content) | Tangential shrinkage in% (from wet to 0% moisture content) | Coeff. of volumetric shrinkage in % | Fiber saturation point in % | Static bending strength in N/mm ² (perpendicular to the fiber) | Modulus of elasticity in N/mm ² | Crushing strength / fiber in N/mm ² | Shear strength in N/mm ² | Splitting strength / mm width in N/mm (r-t) | Strength class according to EN-1912 | Janka hardness in N, on the head ends | Janka hardness in N, alongside the fiber | Monnin hardness at 12% wood moisture in MPa N/mm ² | Fungus (EN 350) | Dry wood borers | Termites | Marine borers |
| Ipê, Hakia+Washiba (GUY), Groenhart (SUR) | <i>Handroanthus seratifolius</i> = <i>Tabebuia serratifolia</i> , <i>T. capitata</i> , <i>T. impetiginosa</i> , <i>T. incana</i> , <i>T. longifolia</i> , <i>T. ochraceae</i> | Tropical Central and South America | Garden timber, Garden furniture, Construction timber, Interior carpentry, Bridge construction (beams, columns), Ship building, Harbour constructions, Railway sleepers, Parquet, Industrial parquet (upright lamella parquet), Strip flooring, Furniture, Turneries, Carvings, Sculpture, Walking sticks, Tool handles, best wood for spokes in wooden wheels | 1100 | 6,1 | 8,0 | 0,68 | 20 | 142 | 15200 | 75 | 18 | | D50 | | 11610 | 14,6 | 1 | D | D | D |
| Itaúba, Louro Itaúba | <i>Mezilaurus itauba</i> | Amazon Basin, Guyana's | Construction timber, Hydraulic engineering, Decking, Noise protection walls, Posts, Stakes, Wall cladding, Turneries, Parquet, Strip flooring, Stairs, Furniture | 850 | 2,5 | 7,3 | 0,60 | 27 | 120 | 14150 | 63 | 10 | | D40 | 6500 | 5750 | 5,0 | 1 | D | D | D |
| Jatobá, Locust (GUY), Rode Lokus (SUR) | <i>Hymenaea courbaril</i> , <i>H. intermedia</i> , <i>H. oblongifolia</i> | Tropical Central and South America | Construction timber, Lock gates, Bridge decks, Ship building, Exterior panelling, Siding, Window (frames), Doors, Wooden frame facade elements, Stairs, Parquet, Strip flooring, Furniture, Moldings, Buttons, Handles, Carvings, Sculpture, Turneries | 900 | 3,0 | 6,4 | 0,59 | 23 | 134 | 14900 | 66 | 17 | | D40 | 11200 | 10400 | 10,5 | 2-3 | D | N-M | N |
| Massaranduba, Maçaranduba, Maparajuba, Paraju, Parajuba, Bulletwood (GUY), Paardeveleeshout (SUR) | <i>Manilkara bidentata</i> (kl. 1) <i>M. huberi</i> (kl. 2) <i>M. amazonica</i> (kl. 3), <i>M. cavalcantei</i> (kl. 3), <i>M. elata</i> (kl. 3), <i>M. inundata</i> (kl. 3), <i>M. longifolia</i> (kl. 3), <i>M. paraensis</i> (kl. 3), <i>M. surinamensis</i> (kl. 3) | Brazil, Suriname, Guyana's, Central America | Construction timber, Bridge decks, Decking, Garden furniture and accessories, Railway sleepers, Turneries, Billiard cues, Buttons, Handles, Parquet, Strip flooring | 1025 | 6,3 | 9,4 | 0,75 | 27 | 195 | 24700 | 84 | 17 | | D50 | 11800 | 14200 | 12,9 | 1-3 | D | D | D |
| Tamarindo, Tamarino | <i>Martiodendron elatum</i> | Brazil (mainly Mato Grosso) | see Jatobá: Decking, Moulded/planed boards, Parquet | 800 | | | | | | | | | | | | | | 2 Lit. | | | |

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| | | | | Average gravity (at 12% moisture content) | Radial shrinkage in% (from wet to 0% moisture content) | Tangential shrinkage in% (from wet to 0% moisture content) | Coeff. of volumetric shrinkage in % | Fiber saturation point in % | Static bending strength in N/mm ² (perpendicular to the fiber) | Modulus of elasticity in N/mm ² | Crushing strength / fiber in N/mm ² | Shear strength in N/mm ² | Splitting strength / mm width in N/mm (r-t) | Strength class according to EN-1912 | Janka hardness in N, on the head ends | Janka hardness in N, alongside the fiber | Monnin hardness at 12% wood moisture in MPa N/mm ² | Fungus (EN 350) | Dry wood borers | Termites | Marine borers | |
| Tatajuba, Garrote, Cow-Wood (GUY), Kaw-oedoe (SUR) | <i>Bagassa guianensis,</i> <i>B. tiliaefolia</i> | Brazil, Guyana, French Guyana, Suriname | Window (frames), Stairs, Facade paneling, Parquet, Interior carpentry, Furniture, Ship walls, Trusses (fuselage reinforcement), Interior carpentry, Yacht building | 800 | 5,0 | 6,2 | 0,53 | 20 | 141 | 17700 | 79 | 13 | 52 | D30 | 9530 | 7700 | 6,4 | 1 | D | D | D | |
| Uchi Torrado, Paruru, (Uxi), Sand Dukuria (GUY), Doekoelia (SUR) | <i>Sacoglottis guianensis,</i> <i>S. uchi / Endopleura uchi /</i> <i>Vantanea compacta, V.</i> <i>parviflora</i> | Tropical South America | Construction timber, Road construction, Hydraulic engineering, Industrial flooring, Turneries, Furniture, Interior carpentry, Toys | 970 | 6,9 | 10,4 | | | 170 | 19100 | 81 | 18 | 55 | D40 | 13453 | 11466 | | 2 Lit. | | N | D | |
| Radiata Pine | <i>Pinus radiata</i> | Plantations: New Zealand, Australia, Chile, Central America, South Africa | Construction timber, Glue laminated timber, glued scantlings, Furniture, Moldings, Interior carpentry, Parquet, Crates, Boxes, Pallets, Plywood, Matchsticks | 455 | 3,3 | 6,0 | | | 81 | 9600 | 46 | 11 | | | | 2850 | | 4-5 | N-D | N | N | |
| Red Grandis, Saligna Gum, Sidney Blue Gum, | <i>Eucalyptus grandis,</i> <i>Eucalyptus saligna</i> | Australia Plantations: Brazil, Uruguay, Argentina, South Africa | Construction wood, Construction timber, Window (frames), Interior carpentry, Strip flooring, Palen, Railway sleepers, Trusses (fuselage reinforcement), Ship walls | 500 | 5,4 | 9,5 | | | 122 | 15200 | 66 | 13 | | | 9080 | 6600 | | 3-4 | D | N | N | |
| Elliottis Pine, Taeda Pine | <i>Pinus elliotii,</i> <i>Pinus taeda</i> | East / South USA Plantations: Brazil, Central America | Construction wood, Construction timber, Plywood, Interior carpentry, Strip flooring, Stairs, Window (frames), Furniture | 480 | 6,1 | 8,0 | | | 105 | 13700 | 60 | 11 | 44 | | 4400 | 2400 | | 3 (5) | D | N | N | |
| Teak, Plantagen- | <i>Tectona grandis</i> | Myanmar, Indonesia (Java), India, Thailand, Indochina Plantations: tropical Central and South America, tropical Africa | Window (frames), Wooden frame facade elements, Doors, Facade panelling, Furniture, Interior carpentry, Veneers, Stairs, Steps, Parquet, Strip flooring, Counter-/work tops (kitchen), Turneries, Sculpture, Carvings, Yacht building, Ship building, Ship decks (quarter sawn), Ship walls, Ship cabins, Bodywork construction, Dairy industry, Cast models for the metal foundry | 660 | 2,7 | 5,1 | 0,34 | 24 | 97 | 11000 | | | | D40 | 5500 | 5600 | 4,2 | 1-3 | D | M | M-D | |