

Standard Stock Items Chart of Mechanical Properties

SPECIE	Specific Gravity	Hardness	Strength	Bendability	Tangential Stability	Radial Stability	Hand Tools	Power Tools	Gluing	Finishing
ASH	0.60	Hard	Strong	Very High	7.8%	4.9%	Very Easy	Easy	Excellent	Excellent
ALDER	0.41	Very Soft	Weak	Low	7.3%	4.4%	Difficult	Difficult	Good	Good
BASSWOOD	0.37	Very Soft	Weak	Very Low	9.3%	6.7%	Very Easy	Easy	Excellent	Excellent
BIRCH	0.62	Hard	Very Strong	High	6.1%	3.6%	Easy	Moderate	Good	Excellent
CHERRY	0.5	Medium	Medium	High	7.1%	3.7%	Very Easy	Easy	Excellent	Excellent
HICKORY	0.72	Very Hard	Very Strong	Very High	10.2%	7.0%	Very Difficult	Difficult	Adequate	Excellent
SUGAR PINE	0.36	Very Soft	Very Weak	Very Low	5.6%	2.9%	Easy	Very Easy	Excellent	Good
WHITE OAK	0.68	Very Hard	Very Strong	Very High	10.5%	5.6%	Easy	Easy	Good	Good
SOFT MAPLE	0.54	Medium	Strong	High	8.2%	4.0%	Difficult	Easy	Good	Excellent
HARD MAPLE	0.63	Hard	Very Strong	Very High	9.3%	4.8%	Difficult	Easy	Adequate	Excellent
RED OAK	0.63	Very Hard	Strong	High	8.9%	4.2%	Easy	Easy	Good	Excellent
POPLAR	0.42	Soft	Medium	Very Low	8.2%	4.6%	Very Easy	Very Easy	Excellent	Good
EASTERN WHITE PINE	0.35	Very Soft	Weak	Very Low	7.4%	4.1%	Very Easy	Easy	Good	Excellent
WALNUT	0.55	Medium	Strong	High	7.8%	5.5%	Very Easy	Very Easy	Good	Excellent
GENUIANE MAHOGANY	0.45	Soft	Medium	High	4.1%	3.0%	Very Easy	Very Easy	Excellent	Excellent
AFRICAN MAHOGANY	0.42	Soft	Medium	Low	4.5%	2.5%	Moderate	Easy	Good	Excellent
SAPELE	0.55	Medium	Medium	Low	7.2%	4.8%	Moderate	Easy	Good	Good
SPANISH CEDAR	0.41	Soft	Medium	Low	6.2%	4.1%	Moderate	Very Easy	Excellent	Challenging
JATоба	0.77	Very Hard	Strong	Medium	8.0%	4.2%	Difficult	Difficult	Adequate	Good