



SPECIES	MOISTURE CONTENT	SPECIFIC GRAVITY	MODULUS OF RUPTURE	MODULUS OF ELASTICITY	WORK TO MAX. LOAD	COMPRESSION PERPENDICULAR TO GRAIN	SHEAR PARALLEL TO GRAIN	SIDE HARDNESS	DURABILITY	RESISTANCE TO DECAY	FIRE RATING	MOVEMENT	WEATHERING
		psi	million psi	in / lb (in3)	psi	psi	lb						
TEAK	GREEN	0.57	10,980	1.51	10.8	5,470	1,070	1,290	VERY HIGH	VERY HIGH	B/C	LOW	GOOD
ANGELIQUE	12%	0.60	11,410	1.84	12.0	5,590	1,340	1,290	HIGH	VERY HIGH	B	AVG	GOOD
DARK RED MERANTI	12%	0.46	12,700	1.77	13.8	3,940	1,450	780	AVG	AVG	C	AVG	AVG
WESTERN RED CEDAR	12%	0.32	7,500	1.11	5.8	4,600	990	350	HIGH	HIGH	C	AVG	GOOD
REDWOOD	12%	0.35	7,900	1.10	5.2	5,220	1,100	420	HIGH	HIGH	C	AVG	GOOD
BALAU	12%	0.68	18,800	2.61	---	10,180	2,190	1,780	HIGH	HIGH	B	AVG	GOOD
IPE	GREEN 12%	0.92	22,600 25,400	2.92 3.14	27.6 22	10,350 13,010	2,120 2,060	3,060 3,680	VERY HIGH HIGH	VERY HIGH HIGH	A	LOW	GOOD
BRAZILIAN REDWOOD	GREEN 12%	0.85	17,300 27,300	2.70 3.45	13.6 28.5	8,690 11,640	1,900 2,500	2,230 3,190	VERY HIGH HIGH	VERY HIGH HIGH	A	AVG	GOOD