

Comparison chart with other pine species

Common Name	Botanical Name		Mixed Southern	Pinus Virginiana	Short Leaf	Pinus Echiada	Long Leaf	Pinus Palustris	Caribbean	Pinus Caribbaia	Ocote	Pinus Oocarpa	Radiata	Pinus Radiata	Red - Norway	Pinus Resinosa
	Moisture Content															
Moisture Content	Green	12%	Green	12%	Green	12%	Green	12%	Green	12%	Green	12%	Green	12%	Green	12%
Density (pcf)	54	35	55	36	55	38	59	45	57	41	35	30	50	35		
Specific Gravity	0.45	0.48	0.47	0.51	0.55	0.59	0.58	0.68	0.55	0.58	0.36	0.42	0.41	0.46		
Side Hardness (lbf)	540	740	440	690	590	870	980	1240	580	910	480	750	340	560		
Impact Bending (in)	34	32	30	33	35	34	36	34	36	34	18	20	26	26		
Work to Maximum Load (in-lbf/in ²)	10.9	13.7	8.2	11	8.9	11.8	10.7	17.3	6.9	10.9	5.4	6.7	6.1	9.9		
Compression Parallel to Grain (lbf/in ²)	3,420	6,710	3,530	7,270	4,320	8,470	4,900	8,540	3,690	7,680	2,790	6,080	2,730	6,070		
Shear Parallel to Grain (lbf/in ²)	890	1,350	910	1,390	1,040	1,510	1,170	2,090	1,040	1,720	750	1,600	690	1,210		
Modulus of Rupture (lbf/in ²)	7,300	13,000	7,400	13,100	8,500	14,500	11,190	16,690	7,970	14,870	6,000	11,700	5,800	11,000		
Modulus of Elasticity (x10 ⁶ lbf/in ²)	1.22	1.52	1.39	1.75	1.59	1.98	1.88	2.24	1.7	2.25	1.18	1.48	1.28	1.63		