

Select Properties of North American Woods

Species	Fiber Length (mm)	Fiber Diameter (microns)	Wood Density (lb/ft ³)
Southwoods			
Southern Region			
Loblolly Pine	3.6	35-45	36
Slash Pine	4.6	35-45	43
Longleaf Pine	4.9	35-45	41
Shortleaf Pine	4.6	35-45	36
Northeast Region			
Black Spruce	3.5	25-30	30
White Spruce	3.3	25-30	26
Jack Pine	3.5	28-40	30
Balsam Fir	3.5	30-40	25
Northwest Region			
Douglas-fir	3.9	35-45	34
Western Hemlock	4.2	30-40	29
Redwood	6.1	50-65	25
Western Red Cedar	3.5	30-40	23
Hardwoods			
Aspen	1.04	10-27	27
Birch	1.85	20-36	38
Beech	1.20	16-22	45
Oaks	1.40	14-22	46
Red Gum	1.70	20-40	34