

PINE

LOBLOLLY PINE
PINUS TAEDA
PINUS ELLIOTIS

SPECIES IN A NUTSHELL

SCIENTIFIC NAME

Pinus taeda / Pinus elliottii

JANKA HARDNESS

690 lbf (3,070 N)

WEIGHT (DRIED)

570g/M3

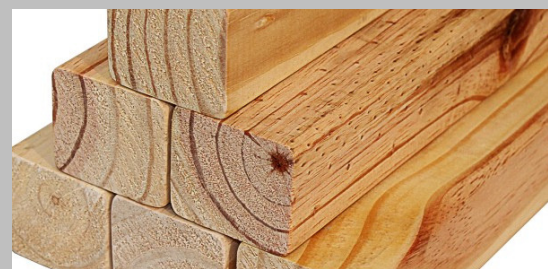
COMMON USES

Furniture Parts / Pallets /
Fencing / Plywood / Panels

USUALLY

AVAILABLE AS

Logs
Rough Sawn Lumber
Pre-cut sizes for furniture
manufacturing
S4S KD
Some of the regular sizes:
45mm x 50mm
75mm x 75mm
21mm x 95mm
21mm x 145mm
Lengths: 1.8m tp to 3.6m or
longer



PINE

LOBLOLLY PINE
PINUS TAEDA
PINUS ELLIOTIS

Common Name(s): Pine

Scientific Name: Pinus taeda / Pinus ellittii

Distribution: Plantations in South Brazil

Tree Size: 100-115 ft (30-35 m) tall, 1.5-5 ft (.4-1.5 m) trunk diameter

Average Dried Weight: 35 lbs/ft³ (570 kg/m³)

Specific Gravity (Basic, 12% MC): .47 .57

Janka Hardness: 690 lbf (3,070 N)

Modulus of Rupture: 12,800 lbf/in² (88.3 MPa)

Elastic Modulus: 1,790,000 lbf/in² (12.30 GPa)

Crushing Strength: 7,130 lbf/in² (49.2 MPa)

Shrinkage:Radial: 4.8%, Tangential: 7.4%, Volumetric: 12.3%, T/R Ratio: 1.5

FULL DESCRIPTION

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