



LUMBER WORLD

'A Destination for your Imagination'

HARD MAPLE

Hard maple features prized sapwood with a pale hue, occasionally tinged with red-brown heartwood. Straight-grained with a fine texture, it's moderately priced, preferred for flooring, veneer, and specialty items.

Workability is fair, but it may burn with high-speed tools. Prone to causing skin irritation and respiratory effects, it is not listed in CITES or the IUCN Red List, and sustainability is moderate. Known as sugar maple for syrup production, its wood is robust and often termed rock maple.





HARD MAPLE

SPECIFICATIONS

Common Name(s)	Hard maple, sugar maple, rock maple
Scientific Name	Acer saccharum
Distribution	Northeastern North America
Tree Size	80-115 ft (25-35 m) tall, 2-3 ft (.6-1.0 m) trunk diameter
Average Dried Weight	44.0 lbs/ft ³ (705 kg/m ³)
Specific Gravity (Basic, 12% MC)	0.56, 0.71
Janka Hardness	1,450 lbf (6,450 N)
Modulus of Rupture	15,800 lbf/in ² (109.0 MPa)
Elastic Modulus	1,830,000 lbf/in ² (12.62 GPa)
Crushing Strength	7,830 lbf/in ² (54.0 MPa)
Shrinkage: Radial	4.8%, Tangential: 9.9%,
Volumetric	14.7%, T/R Ratio: 1.9