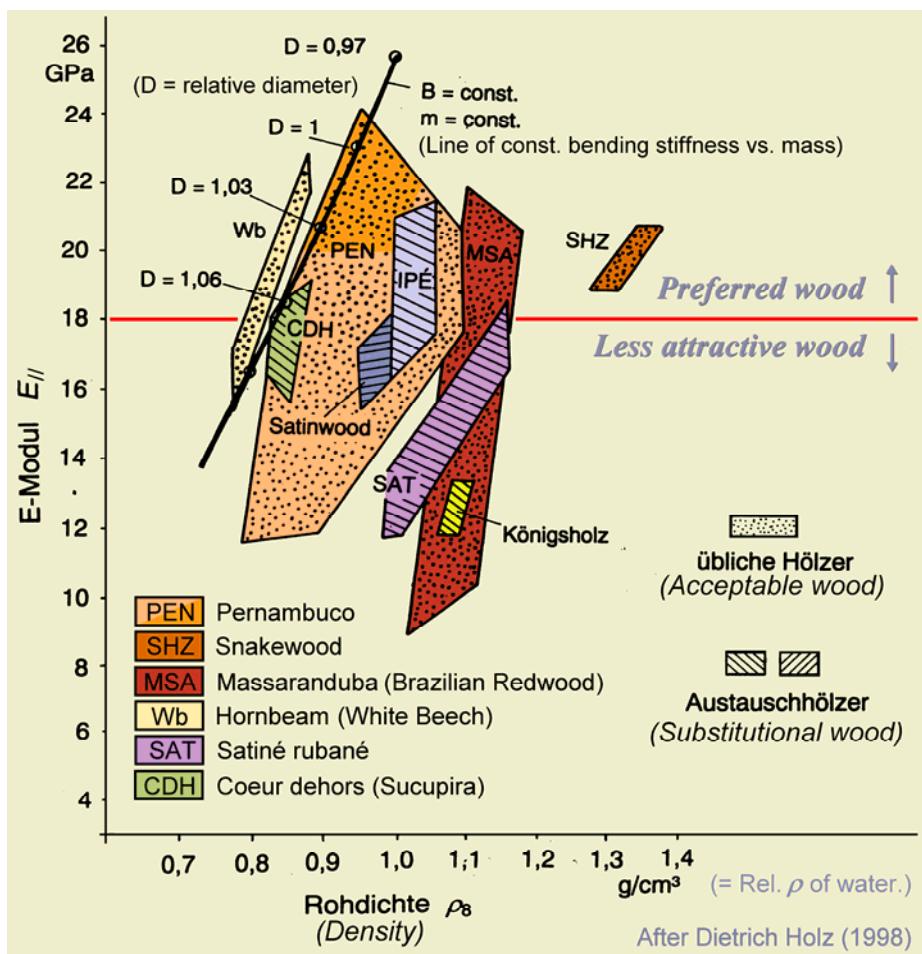


Density is a measure of mass per volume unit (commonly used symbol: ρ), e.g., kilograms per cubic meter (kg/m^3) or pounds per cubic foot (lb/ft^3). Some commonly used materials have the following approximate densities (large variations might occur):

Material	kg/m^3	lb/ft^3	Rel. ρ of water
Aluminum	2700	168	2.70
Brass	8500	530	8.50
Bronze	8000	499	8.00
Copper	8940	558	8.94
Gold	19320	1206	19.32
Gut	1275	80	1.28
Nickel	8850	552	8.85
Nylon	1000	62	1.00
Pernambuco	950	59	0.95
Snake wood	1330	83	1.33
Silver	10490	655	10.49
Steel (Stainless)	7800	487	7.80
Tungsten (Wolfram)	19600	1223	19.60

The table contains values obtained from a number of sources

Properties of wood for bows (after Ref. 1):



Ref. 1: D. Holtz (1998). "Wandel und Probleme im Materialeinsatz des Streichbogens". "Der Streichbogen, Entwicklung - Herstellung - Funktion". Ed.: U. Harnisch, M. Lustig, C. Timm-Hartmann and C. Zschoch. Stiftung Kloster Michaelstein, Michaelstein, 125-140.