

## Balsa wood Properties Guide

<b>Density</b>	163 ± 10 kg/m <sup>3</sup>
<b>Compressive Strength</b> ⌘ low density medium density high density	4.7 MPa 12.1 MPa 19.5 MPa
<b>Tensile Strength</b> ⌘ low density medium density high density	7.6 MPa 19.9 MPa 32.2 MPa
<b>Elastic Modulus - Compression</b> <b>Elastic Modulus - Tension</b>	460 ± 71 MPa 1280 ± 450 MPa

⌘ Low Density = 75 kg/m<sup>3</sup> (0.0027 lb/in<sup>3</sup>); Medium Density = 150 kg/m<sup>3</sup> (0.0054 lb/in<sup>3</sup>); High Density = 225 kg/m<sup>3</sup> (0.0081 lb/in<sup>3</sup>)