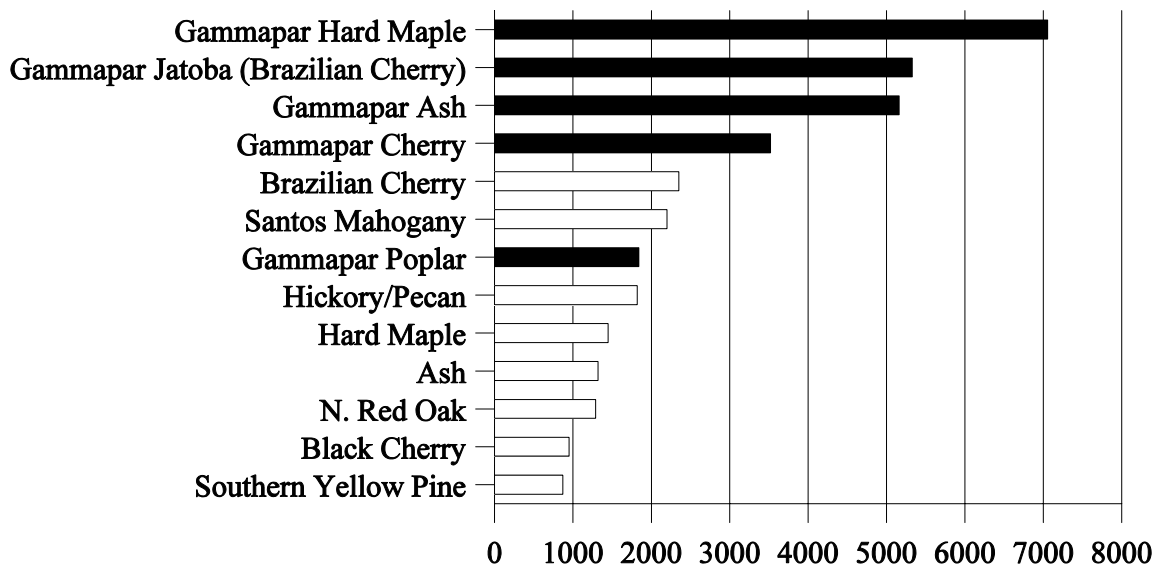


The Janka hardness test (ASTM D-143) measures the force in psi required to embed a 0.444" steel "ball" to half its diameter in a 2" x 2" x 6" piece of wood. This test is a good measurement of how a wood product will withstand denting and wear. Shown below are Janka hardness results on different hardwood flooring species including some acrylic impregnated species.

Janka Hardness



- Hardness testing for the acrylic impregnated wood species was performed by the Non-Destructive Testing Group, Pittsburgh, PA
- Hardness testing for Santos Mahogany was provided by International Hardwood Flooring. All other data is from the Forest Products Laboratory Wood Handbook.
- Hardness results will vary depending on the amount of acrylic loading.