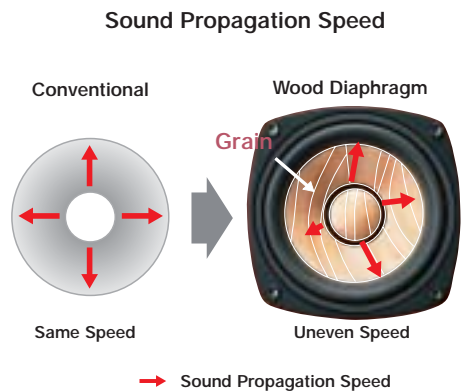
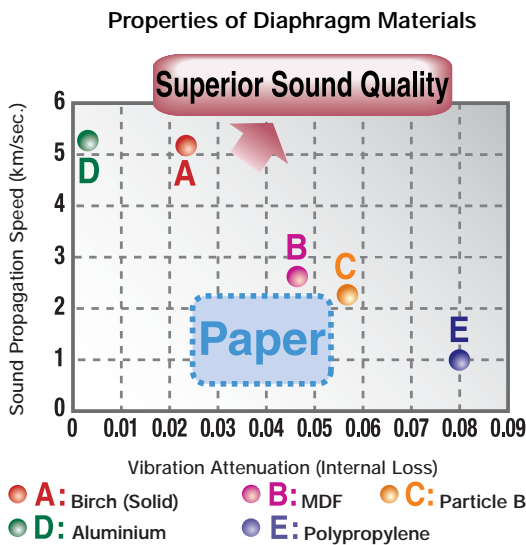




Wood's Superior Acoustic Characteristics

- High sound propagation speed gives enhanced sound definition while sufficient internal loss creates crisp, clear sound.
- The uneven sound propagation speed — faster along the grain than across — prevents standing waves, resonant points, and poor sound pressure response.



Challenges in Development — and a Surprising Solution

Wood sheets can crack, split, or break when stamped. Countless techniques were tried, but all proved ineffective.

After years of trial and error, the solution was finally found in a surprising material — *sake*, or Japanese rice wine. When soaked in *sake*, a wood sheet becomes soft and pliable enough to withstand the stamping process without breaking or cracking.

JVC has combined the 'sake' method with careful, elaborate stamping processes to make the wood diaphragm durable enough to retain natural sound over years.



The Wood Cone Speaker Production Process

