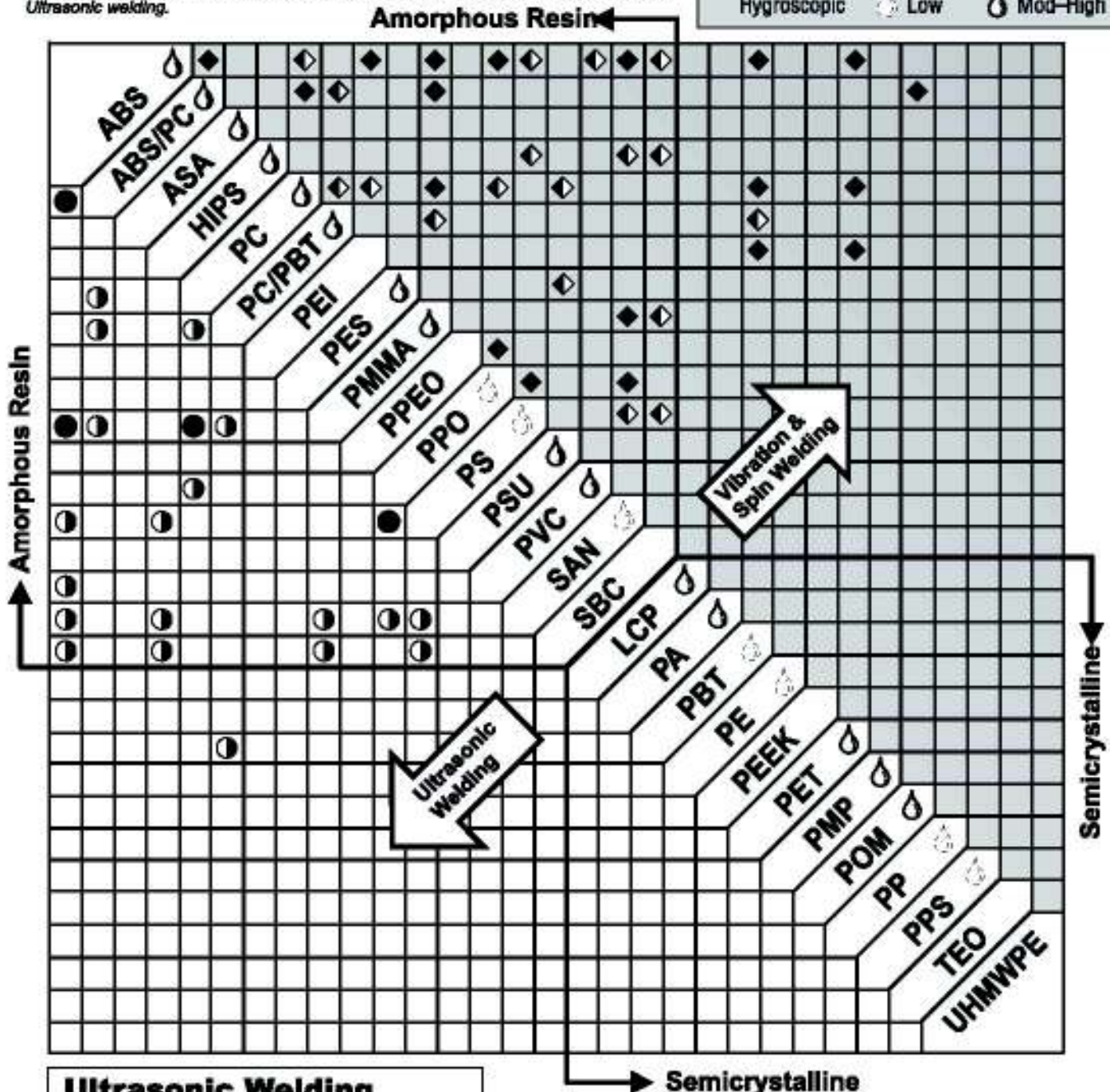


## Thermoplastic Compatibility Guide

For Ultrasonic Welding use the lower left side. For Vibration and Spin Welding use the upper right portion. Then select the two materials and find their intersection. For example: Spin Welding ABS to PEI – Move to the right from the ABS label and up from the PEI label to determine these materials have good compatibility (♦ symbol). Moving to the left from PEI and down from ABS we find this pair is not compatible for Ultrasonic welding.

### Vibration & Spin Welding

- ♦ Good Compatibility
- ◊ Compatibility Based Upon Material Composition
- Hygroscopic Low Mod-High



### Ultrasonic Welding

- Good Compatibility
- Compatibility Based Upon Material Composition
- Hygroscopic Low Mod-High

For Ultrasonic Welding use the lower left half. For Vibration and Spin Welding use the upper right portion. Then select the two materials and find their intersection. For example: Spin Welding ABS to PEI – Move to the right from the ABS label and up from the PEI label to determine these materials have good compatibility (♦ symbol). Moving to the left from PEI and down from ABS we find this pair is not compatible for Ultrasonic welding (blank intersection).

Actual compatibility is based on individual application requirements, material, part evaluation and testing.