VISCOSITY TIP SHEET

HOW TO TEST VISCOSITY

1. Thoroughly mix the glaze using a mixer attached to either a drill or dipping tank. Mix for approximately 7-8 minutes if a new bucket or 2-3 minutes if using existing bucket. Let bubbles rest before testing.

2. Submerge viscosity cup into the dipping tank and fill with glaze.

3. Lift the cup. Begin the stopwatch when the glaze stream starts, not when pulling it out of the glaze. Stop timing when the steady stream of the glaze breaks, not when the cup is empty.

   Mayco recommends starting at the lowest number of each range. If the glaze is too thick, add small amounts (½ cup - 1 cup) of distilled water at a time as needed and re-mix and retest. Be sure the water is distilled, as tap water may introduce various minerals. It may take several tries to get the correct viscosity.

HOW-TO VIDEO

Viscosity defines a fluid's resistance to flow. The higher the viscosity of a liquid, the thicker it is and the greater the resistance to flow.

Be sure to test the viscosity of your clear glaze when opening a new batch and before each dipping session. If adding a new batch to your existing batch, mix first before checking viscosity. Since some climates are more arid than others, you may find that checking the viscosity periodically during a dipping session is necessary.

Have questions?
Contact Mayco Technical Support:
technical@maycocolors.com

VC100
10 - 12 seconds

43799 Stainless Steel
23 - 25 seconds

Dupont m50*
19 - 24 seconds

*no longer manufactured