

# How to test Glaze Density

There are many variables when testing glaze viscosity; from the cup used and the instant a stopwatch timer starts, to knowing when the first break in the glaze stream occurs. Testing glaze density is a more accurate way to ensure that your clear dipping glaze is at the proper consistency for ideal use.

## Step 1:

Weigh empty graduated cylinder then Tare the scale by pressing the button on the scale. This sets your scale up properly by accounting for the weight of the cylinder.

## Step 2:

Mix your dipping glaze properly and fill the cylinder within 10mL of max fill level.

## Step 3:

Weigh the graduated cylinder with glaze.

## Step 4:

Grams of glaze divided by mL = density.  
Example:  $120\text{g}/90\text{ml}=1.33$

## Step 5:

Compare your density to our range. If the reading is too high, add distilled water ( $\frac{1}{2}$  cup at a time), mix well, and test again. If the reading is too low, add some fresh glaze, mix, and test again.

### Mayco Clear Glazes Density Ranges:

NTCLR 1.25 – 1.33 g/mL

PBDIP 1.28 – 1.36 g/mL

S2000 1.24 – 1.32 g/mL

### Tools:

Kitchen Scale – WalMart or Amazon

Tall Graduated Cylinders  
(polypropylene – at least 100 mL) - Amazon

