



How much Mica

More Translucent



Cast Weight: 130 g
Amount of Mica: 0.3 g or just under 1/4 tsp
Percentage of Mica to Resin: 0.23%

More Opaque



Cast Weight: 130 g
Amount of Mica: 0.6 g or just under 1/2 tsp
Percentage of Mica to Resin: 0.46%

Less mica, (percentage wise), can go further along if there's more mass to your piece; (think dragon eggs, cube casts, and pyramids). However, the thinner your piece, the more mica you will have to use to make it opaque, since there's not as much mass to absorb the light passing through; (think pen blanks, wall art, and other small applications). The amount of mica you mix depends on the overall look you would like for your project.

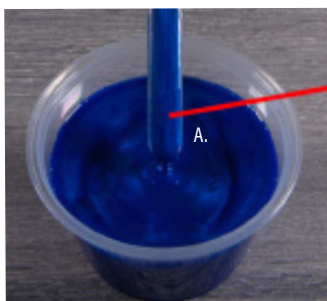


Both Casts look the same;
 (Opaque appearance)
Cast Weight: 130 g



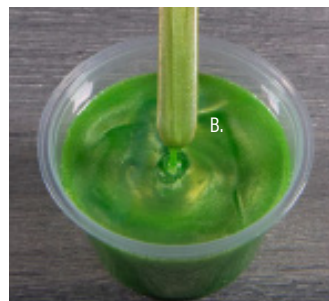
More mica does not mean deeper saturation. Too much mica can adversely affect the quality of your cure, and add a crimpling texture.

The Pen Blank Test: Regardless of how much resin you're mixing, a good baseline for pen blanks is 1 gram of mica for every 100 grams mixed of that color; (or 1% of the amount you're mixing for each one). Since pen blanks are turned down very thin on the tubes of the kits that are to be assembled, when you pull the mixing stick from the resin, you'll want to make sure that you don't see the grain of the wood. If you can see the wood, you're likely to see the pen's tube when you turn it down on the lathe; not something you want. (But adjust as needed to achieve the desired look for your project).



Cast Weight: 90 g
Amount of Mica: 0.9 g or 1/2 tsp
Percentage of Mica to Resin: 1 %

A. Can't see the wood's grain through the resin. Something to look for when mixing for pen blanks.



Cast Weight: 90 g
Amount of Mica: 0.9 g or 1/2 tsp
Percentage of Mica to Resin: 1%

B. In some cases, some of the lightest pigments, (yellows, light greens, light pinks), might require just a little more mica by comparison to darker colors.