

Casting w/ Alumilite Dyes

Products used in this How To:

- * Molds
- * Alumilite Casting Resin
- * Dye
- * Stir Stick
- * Cups



Use Alumilite's Dyes to color your casting resin. We carry a variety of colors in standard, florescent, and flesh tone colors (african american, native american, and caucasian). Add the dyes to the 'A' side by weight up to 5%. The more you use the darker the color will be.



The first step is to gather the materials that are needed. A popsicle stick, cups, dye, and your mold.



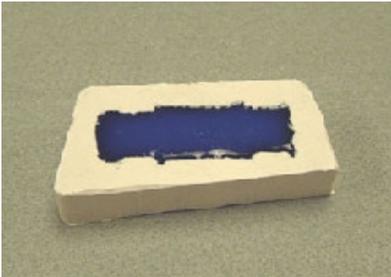
Next, following mixing directions for your resin, measure out resin (enough to cast your part). If using 1 oz bottles of dye, squeeze out desired drops into the "A" side of the resin. If using larger bottles of resin, either transfer a drop(s) from a stir stick, or weigh out desired amount of dye. Stir the dye into the 'A' side thoroughly until uniform color is reached.



Pour both sides of the resin into a cup. Stir until a uniform color is reached (about 25 seconds).



Slowly pour resin into your mold. Tipping the mold a little while you pour will help fill in any undercuts and reduce the chance of air bubbles. Use resin in accordance to open time and demold time.



AS the resin begins to cure, it will transition from a liquid to a solid and may change color. Allow the material to completely harden before demolding (depending on the temperature of your mold and the cure time of your casting resin.) The thinner the casting, the longer it will take to cure. Preheating your mold slightly in a microwave or conventional oven will assist thin parts and sections to cure more evenly.



Once your Alumilite resin has cured, demold your cast piece. Your dyed cast replica will have the exact detail of your original.



Cured samples of standard and florescent dyes cast in Alumilite White.



Here we show you a chart of 3 different flesh tone dyes. Use the flesh tones according to your preference of shade and flesh tones are typically used in Alumilite White.