

Pigment Paste



Pigment pastes are used for tinting resin and providing color to the final finish. Blend primary colors to create any shade or hue on a color wheel. Mix about 6 to 8% of pigment by weight or approximately 8 ounces pigment per gallon of resin. When using with a two part adhesive, mix the pigment with the resin first, then combine the appropriate mix ratio of hardener to the mixed resin. Cover pigmented surface with enamel or polyurethane to provide ultraviolet protection.

Physical Properties

Mix Ratio	6 to 8% of pigment by weight or approximately 8 ounces pigment per gallon of resin.
Pigment Level Usage by Weight	<ul style="list-style-type: none"> Gel coats 12% Laminates 6% Sheet/dough molding compounds 10% Translucent pigment usage 5% Filled castings 6% Pultrusions 10%
Mixing	Mix weighted quantity of the pigment into a mixing container, followed by small amount of resin. Mix until the color is uniform. Add the remainder of the resin and mix again until color is uniform. Add the hardener as per resin instructions.
Storage	Minimum guaranteed shelf life is 6 months
Compatible	Vinylester, Polyester, Polyurethane and Epoxy Resin
Light Fastness	Resists fading or discoloring. Pastel shades not recommended for outdoor applications.
UV Resistance	Use of pigments can prolong the outdoor service life. However, it is recommended to cover pigmented surface with enamel or polyurethane to provide additional ultraviolet protection.
Durability	Darker shades have better durability when exposed to outdoor conditions.
Color Mixing	Different colored Pigment Paste can be mixed together to create custom colors. Darker shades are easier to color match than light shades.

Small Quantities of pigment can be mixed by hand. Large quantities of pigment require power mixing. For epoxies use 25% less pigment.