

Tips for Printing with BlueCast Resins

SOURCE:

<https://support.zortrax.com/tips-for-printing-with-bluecast-resins/>

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BlueCast Original



Before the printing process:

Inspect the FEP film for any defects, cracks or residues of cured resin. Also, make sure that the resin tank has been thoroughly cleaned using isopropyl alcohol (IPA) and paper towels.

Shake the bottle for 1 minute before pouring the resin into the tank. If the resin has already been kept in the tank for some time, mix the liquid using a plastic spatula.

Printing process:

Avoid printing too many items at the same time. Divide your production into several stages to achieve the most optimum results.

Do not store the resin in the tank for more than 24 hours after the printing process has been finished. The resin is highly hygroscopic and will absorb moisture from the air. To preserve the resins's characteristics, filter the liquid after each printing process and protect the containers from direct sunlight.

Post-processing:

Instead of soaking the prints in an ultrasonic bath, pour IPA directly onto them in order to remove uncured resin. Next, use compressed air to remove excess IPA and dry the items. After that, the prints require UV-curing.

BlueCast X5



Before the printing process:

Inspect the FEP film for any defects, cracks or residues of cured resin. Also, make sure that the resin tank has been thoroughly cleaned using isopropyl alcohol (IPA) and paper towels.

Shake the bottle for 1 minute before pouring the resin into the tank. If the resin has already been kept in the tank for some time, mix the liquid using a plastic spatula.

Printing process:

Avoid printing too many items at the same time. Divide your production into several stages to achieve the most optimum results.

Do not store the resin in the tank for more than 24 hours after the printing process has been finished. The resin is highly hygroscopic and will absorb moisture from the air. To preserve the resins's characteristics, filter the liquid after each printing process and protect the containers from direct sunlight.

Post-processing:

Instead of soaking the prints in an ultrasonic bath, pour IPA directly onto them in order to remove uncured resin. Next, use compressed air to remove excess IPA and dry the items. Additional UV-curing is not required.

BlueCast X10



Before the printing process:

Inspect the FEP film for any defects, cracks or residues of cured resin. Also, make sure that the resin tank has been thoroughly cleaned using isopropyl alcohol (IPA) and paper towels.

Shake the bottle for 1 minute before pouring the resin into the tank. If the resin has already been kept in the tank for some time, mix the liquid using a plastic spatula.

Printing process:

Avoid printing too many items at the same time. Divide your production into several stages to achieve the most optimum results.

Do not store the resin in the tank for more than 48 hours after the printing process has been finished. The resin is highly hygroscopic and will absorb moisture from the air. To preserve the resins's characteristics, filter the liquid after each printing process and protect the containers from direct sunlight.

Post-processing:

Instead of soaking the prints in an ultrasonic bath, pour IPA directly onto them in order to remove uncured resin. Next, use compressed air to remove excess IPA and dry the items. Additional UV-curing is not required.