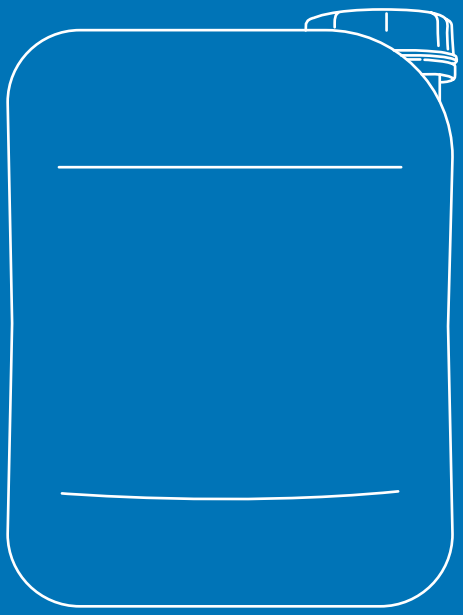
TPM: An IPA Alternative For Washing 3D Printed Parts

Formlabs generally recommends the use of isopropyl alcohol (IPA) with a concentration of 90% or higher to clean and dissolve uncured resin from stereolithography (SLA) 3D printed parts. If you cannot use IPA, tripropylene glycol monomethyl ether (TPM) is a tested alternative for parts printed with non-biocompatible Formlabs resins.



Clean It Up: Try TPM

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FEATURES

NON-FLAMMABLE

TPM is a non-flammable liquid* solvent that can be readily acquired and stored in accordance with your organization's health and safety regulations.

LOW ODOR

TPM has a mild odor, making it suitable for workplaces where employees are sensitive to the smell of IPA.

LOW EVAPORATION

TPM evaporates slowly at room temperature. If you experience a significant amount of IPA evaporation between prints, TPM may offer a more economical finishing solution.

WASHES MORE PARTS

As your wash solvent dissolves liquid resin, the concentration of resin in the solvent increases. TPM continues to clean printed parts effectively at higher resin concentrations, washing up to three times as many parts as IPA before the solvent needs to be replaced.

WORKFLOW CONSIDERATIONS:

- The TPM finishing workflow is similar to the workflow with IPA.
- TPM is compatible with the Formlabs Finish Kit, Form Wash, and Form Cure.
- Unlike IPA, parts cleaned with TPM will not air dry, as TPM evaporates very slowly. To remove TPM from your parts, rinse them in clean water.
- TPM may leave a waxy surface texture on some resins. Post-curing eliminates this.
- TPM is not yet certified for use with Formlabs biocompatible resins.

* This product is not labeled as dangerous according to Regulation (EC) No. 1272/2008.

For a detailed workflow, go to support.formlabs.com.