

Form Cure time and temperature settings

Post-cure printed parts after washing to achieve optimal material properties. Refer to formlabs.com/cure-support for the most updated information about post-curing printed parts with the Form Cure.

RESIN	POST-CURE SETTING	POST-CURE TIME	POST-CURE TEMPERATURE
Black Resin Color Resin Grey Resin White Resin	Recommended ¹	30 min	60 °C
	Full post-cure	60 min	60 °C
Flexible Resin	Recommended ¹	15 min	60 °C
	Full post-cure	60 min	60 °C
Elastic 50A Resin	Full post-cure	20 min	60 °C
Clear Resin	Recommended ¹	15 min	60 °C
	Full post-cure	30 min	60 °C
Custom Tray Resin	Full post-cure ²	30 min	60 °C
High Temp Resin V1	Recommended ¹	30 min	60 °C
	Full post-cure	60 min	60 °C
High Temp Resin V2	Recommended ⁸	120 min	80 °C
Tough 2000 Resin	Recommended ¹	60 min	70 °C
Tough Resin V5	Recommended ¹	60 min	60 °C
	Full post-cure	120 min	60 °C
Tough 1500 Resin ¹⁰	Full post-cure	60 min	70 °C
Draft Resin	Better elongation	5 min	No heat

¹ Recommended post-cure settings achieve close-to-optimal mechanical performance and minimize post-cure time. Full post-cure settings achieve optimal mechanical properties. Use full post-cure settings when using materials for functional applications.

² This post-cure setting ensures that parts achieve both biocompatibility and optimum mechanical properties. Read the Instructions for Use for a full description of the workflow.

³ Cure for 4 hours to increase the part strength. Increasing cure time may improve casting results, particularly for thicker parts, though casting success depends more on part geometry and casting process.

⁴ Does not require post-curing. After washing, allow parts to fully dry before firing/casting.

⁵ Fill a glass container with glycerin. Preheat the glycerin to 80 °C in the Form Cure. Use heat resistant silicone tongs to fully submerge the assembled denture in the glycerin inside the Form Cure. Cure for 30 minutes. After the first 30 minute post-cure, flip the denture to the opposite side. Post-cure again for 30 minutes.