



SLA Finish Levels Available at DPT

BASIC ▶

For parts where time (delivery) and cost are the primary concerns.

Light sanding on supported surfaces. Mating parts are fitted together with a first-level bead blasting. This finish is the choice of many customers performing their own secondary operations.

FUNCTIONAL ▶

For parts where fit and functionality are the primary concerns.

Basic level finish with removal of layer lines that occur during SLA process. For the final appearance, a bead blast is applied to all surfaces.

PATTERN ▶

For tooling patterns or show pieces, when appearance is critical

Functional level finish with sanding using an ultra fine media. Adding to the final appearance, an ultra fine bead blast is applied to all surfaces. Customer approval is obtained before molding.

PATTERN/FUNCTIONAL ▶

For parts requiring multiple finish levels.

When appearance is critical for some surfaces, a portion of the part is finished to a pattern level and other surfaces are finished to a functional level. For instance, some parts may require a pattern level finish on outside surfaces (to enhance appearance), while a functional finish may be suitable for the inside.

PRIMED ▶

For paint ready prototypes.

Pattern finish level with primer applied and all specified surfaces set for painting.

PAINTED ▶

For a presentation model with production-quality appearance

Primed finish level with color coats and various surface finishes (texture, gloss, etc.) applied based on customer specifications.

DYED ▶

For simulating tinted lenses and opaque materials.

Pattern level finish with wet sanding and application of color dye. Depending on the application, a clear acrylic may be applied. This finish level applies to either 11120 or 14120.

WATER CLEAR ▶

For lenses, clear, or translucent.

Pattern level finish with wet sanding and application of clear acrylic using SLA material 11120.

SLS Finish Levels Available at DPT

BASIC ▶

For parts where time (delivery) and cost are the primary concerns.

Part cleaned, mating parts fitted together, plus bead blasting.

IMPREGNATED/SEALED ▶

When additional strength or the ability to hold air or fluid pressure is required.

Basic level finish plus impregnation and sealing for added strength and to remove porosity.

PAINTED ▶

For a presentation model with production-quality appearance

SLS part is primed, appearance surfaces are sanded smooth, and color coats applied based on customer specification.