



# DRAFT RESIN

Blue

Draft Resin is a material designed to build rapidly in 300 micron layers, while still maintaining the advantages of SLA printing. Cheaper than the other resins, use Draft Resin when you need a fast prototype but FDM just won't do.

## Properties Summary

Hardness	<div style="width: 80%;"></div>
Surface Finish	<div style="width: 70%;"></div>
Cost	<div style="width: 40%;"></div>
Impact Resistance	<div style="width: 20%;"></div>

## DESIGN GUIDELINES

Draft Resin is similar in most ways to standard SLA resins, but the 300 microns layer thickness requires larger details to ensure that everything is captured.

Maximum Build Volume	140 mm x 140 mm x 140 mm
Min Wall Thickness	1 mm
Min Hole Diameter	1 mm
Minimum Part Clearance	1 mm
Minimum Debossed Detail	0.8 mm
Minimum Embossed Detail	0.5 mm
Maximum Unsupported Angle	N/A

## MATERIAL DATA

Ultimate Tensile Strength	36 MPa
Tensile Modulus	1.6 GPa
Elongation at Failure	7%
Flexural Modulus	1.5 GPa
Maximum Safe Temperature	55°C

## SUBSCRIPTIONS/CREDITS INFORMATION

This material falls under the Standard SLA materials category for our subscription/credit pack customers.

### 50ml = 1 credit

As this is an SLA material which will have supports attached while building, we recommend an enhanced finish to smooth over any marks/blemishes.

[Enhanced finish \(1 credit per 50 ml\)](#)

Still have questions? Contact us at [enquiries@printpool.co.uk](mailto:enquiries@printpool.co.uk) or give us a call on 01865 546430. We're always happy to help!