



CLEAR RESIN

Clear

Clear Resin is translucent but can be sanded and polished until a nearly perfectly transparent. Very similar in properties to Grey Resin, use clear resin for parts which require internal details to be easily visible.

Properties Summary

Hardness	<div style="width: 85%;"></div>
Surface Finish	<div style="width: 95%;"></div>
Cost	<div style="width: 70%;"></div>
Impact Resistance	<div style="width: 40%;"></div>

DESIGN GUIDELINES

Clear Resin is quite versatile but as with all materials, some simple design tweaks will help you to get the best results

Maximum Build Volume	140 mm x 140 mm x 140 mm
Min Wall Thickness	0.5 mm
Min Hole Diameter	0.5 mm
Minimum Part Clearance	0.5 mm
Minimum Debossed Detail	0.4 mm
Minimum Embossed Detail	0.1 mm
Maximum Unsupported Angle	N/A

MATERIAL DATA

Ultimate Tensile Strength	65 MPa
Tensile Modulus	2.8 GPa
Elongation at Failure	6.2%
Flexural Modulus	2.2 GPa
Maximum Safe Temperature	60°C

SUBSCRIPTIONS/CREDITS INFORMATION

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

30ml = 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 or give us a call on 01865 546430. We're always happy to help!