



# GREY RESIN

Grey

Grey Resin is the material of choice for models with fine and intricate details. It has a smooth finish right and is very versatile for all kinds of general SLA printing. The surface can be painted and dyed. Can be more brittle than other materials.

## Properties Summary

Hardness	
Surface Finish	
Cost	
Impact Resistance	

## DESIGN GUIDELINES

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

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](mailto:enquiries@printpool.co.uk) or give us a call on 01865 546430. We're always happy to help!