Subject: Transparent Resin material anytime soon?
Posted by lensman on Mon, 01 Oct 2012 18:08:13 GMT
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I would love to see Shapeways offer this material that one of your competitors has introduced... Anytime soon?

File Attachments

1) Transparent-Duck.jpg, downloaded 164 times

Subject: Re: Transparent Resin material anytime soon?
Posted by BillBedford on Mon, 01 Oct 2012 22:21:21 GMT
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If you check the page that duck was taken from you will see that it was sanded and then varnished to get the transparency. You should be able to get a similar result with FUD. or transparent resin.

Subject: Re: Transparent Resin material anytime soon?
Posted by lensman on Mon, 01 Oct 2012 23:13:07 GMT
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I *highly* doubt you could get FUD to look like that. And transparent resin? Well, yes, that's what it's called. And since they do all the work it saves the customer having to do it.

"When you choose a technical finish for your transparent resin model, the support material (which is needed during the printing process) is first removed. Then your model is hardened under UV light and varnish is applied on all surfaces. This varnish is applied to your model to protect it from dust and discoloration. It makes a part transparent."

Subject: Re: Transparent Resin material anytime soon?
Posted by BillBedford on Tue, 02 Oct 2012 08:59:32 GMT
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lensman wrote on Mon, 01 October 2012 23:13I *highly* doubt you could get FUD to look like that.

You can make FUD transparent by sanding the surface and varnishing it. You can test this for yourself by simply put the piece into water. Any clear liquid will 'fill in' the scratches on the surface so the piece will appear almost transparent

Quote:And transparent resin? Well, yes, that's what it's called. And since they do all the work it saves the customer having to do it.

Shapeways don't do any of the post processing that other suppliers are will ing to do for a price.