
Subject: A few quick questions for Shapeways ...
Posted by [Evalon](#) on Tue, 13 Mar 2012 07:28:52 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hello

I'm interesting in doing some silver casting and consider using Google Sketchup (not Pro) to make the casting forms - which I would like Shapeways to 3D print for me in a suitable material.

Any of you know if Shapeways can work with Google sketchup files (not the Pro version) for 3D printing? And also if they have materials that can be used for silver casting (a melting temperature of about 1000 degrees celsius)?

Thanks for reading and maybe replying

Jesper

P.S.: If this is not possible using Shapeways, I'd appreciate suggestions for an alternative - yet similar - service.

Subject: Re: A few quick questions for Shapeways ...
Posted by [abby](#) on Tue, 13 Mar 2012 12:36:29 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi Jasper , your question is rather vague , do you intend to cast the silver yourself ? in which case are you looking to get a mould or more correctly a die printed ? incidentally you will need a temperature 100Å°C above the melting point of 960Å°C for pouring.
Dan.

Subject: Re: A few quick questions for Shapeways ...
Posted by [denali3ddesign](#) on Tue, 13 Mar 2012 12:52:56 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi Jesper,

To answer your first question, you can use the free version of Sketchup for 3D printing.

Subject: Re: A few quick questions for Shapeways ...
Posted by [Youknowwho4eva](#) on Tue, 13 Mar 2012 14:58:57 GMT
[View Forum Message](#) <> [Reply to Message](#)

denali3ddesign wrote on Tue, 13 March 2012 12:52Hi Jesper,

To answer your first question, you can use the free version of Sketchup for 3D printing.

Well, you can't upload Sketchup files. You need DAE or STL from Sketchup I believe.

Subject: Re: A few quick questions for Shapeways ...
Posted by [Carpemortis](#) on Tue, 13 Mar 2012 17:45:37 GMT
[View Forum Message](#) <> [Reply to Message](#)

Unless you are working in Full Color Sandstone, the DAE's exported by sketchup will work fine.
(File/Export/3d Model)

However in sketchup 8 I've run into two hiccups. The first is the orientation of my models are always one axis off. IE: The front of my model in sketchup is the top of my model when uploaded to shapeways. This is not really a problem just something to be aware of. The second is if you upload a model with unexploded components, it returns an "unknown_size" error. So make sure you explode any components before you export your model.

Subject: Re: A few quick questions for Shapeways ...
Posted by [Evalon](#) on Wed, 14 Mar 2012 17:17:57 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi all,

& thanks for replying

Hmmm... I wonder if one of you may also know if there's one of Shapeways' materials that may be used for multiple silver or copper castings? I would like moulds to be made into which I can pour the silver or copper and then take apart the mould whereby releasing the shape now cast. And then reuse the mould more times.

Hope one of you knows!

Best regards from a Denmark that now shows clear signs of spring

Jesper
