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Subject: Yippie! I ordered some of the new material  
Posted by [LincolnK](#) on Tue, 26 Apr 2011 08:51:32 GMT  
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I was so excited to hear about the high detail material that I immediately started modelling something for it.

4 (10 hour) days later, I am finally finished, and have uploaded and ordered them.

Thus begins the slowest 10 (business days?) of my life.

Lincoln

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Subject: Re: Yippie! I ordered some of the new material  
Posted by [stop4stuff](#) on Tue, 26 Apr 2011 09:08:28 GMT  
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Hey Lincoln how are you doing?

I expect it's going to be a long wait for many of us, and I bet Shapeways staff are inundated with models to check after a long holiday weekend

Paul

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Subject: Re: Yippie! I ordered some of the new material  
Posted by [Magic](#) on Tue, 26 Apr 2011 09:23:08 GMT  
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My order is now in production but, anyways, whatever amount of time it would take, it will always take too long...

But I did not order something specially designed for Frosted Detail, unfortunately (not enough time to make a new model).

Instead, I ordered this die that was initially designed for Silver in both Frosted Detail materials. I want to be able to compare the results.

And now I am working on a new die with moving gear, this time specially designed with Frosted Detail in mind...

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Subject: Re: Yippie! I ordered some of the new material  
Posted by [stop4stuff](#) on Tue, 26 Apr 2011 09:36:16 GMT  
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<http://www.shapeways.com/model/246936/>

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Subject: Re: Yippie! I ordered some of the new material  
Posted by [Magic](#) on Tue, 26 Apr 2011 09:42:04 GMT  
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Ah, yes: it's time to break new records...

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Subject: Re: Yippie! I ordered some of the new material  
Posted by [LincolnK](#) on Tue, 26 Apr 2011 10:09:07 GMT  
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Hi Paul,

I have been very busy making things using laser cutters, vinyl cutters, and other high-tech equipment at a place where I was working as an instructor to teach other people how to use those machines.

It kept my urge to make things fulfilled while waiting for Shapeways to finally offer a material that would have the detail and finish I need for making a mold and casting multiples myself.

Thanks for asking.

Magic, that die looks really cool.

Lincoln

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Subject: Re: Yippie! I ordered some of the new material  
Posted by [lensman](#) on Wed, 27 Apr 2011 14:16:20 GMT  
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Yep, I put in an order for four models in the new materials as soon as they became available. I think there is going to be a long wait!

Glenn

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Subject: Re: Yippie! I ordered some of the new material  
Posted by [ana](#) on Wed, 27 Apr 2011 16:11:58 GMT  
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I can empathize with you guys on the waiting. Still, glad to see the immediate demand for FUD!

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Subject: Re: Yippie! I ordered some of the new material  
Posted by [LincolnK](#) on Wed, 27 Apr 2011 19:59:04 GMT  
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Ana,

Some kind of ultra detail material and Stainless Steel are the 2 main things I have been wanting to 3-D print in for a long time. When I finally realized that you guys existed, I made some stuff in steel as soon as I could figure out how to get a model to pass all the requirements.

If the FUD is as good as I am hoping, I will be making a bunch of stuff for it. I just hope it comes back soon enough that I can find out and still have time to submit some more models before the trial time runs out.

Lincoln

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Subject: Re: Yippie! I ordered some of the new material  
Posted by [stop4stuff](#) on Wed, 27 Apr 2011 21:14:01 GMT  
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ana wrote on Wed, 27 April 2011 16:11 I can empathize with you guys on the waiting. Still, glad to see the immediate demand for FUD!

handy tip... release the next new material after a holiday weekend, or on a monday

i put my 2nd order in today

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Subject: Re: Yippie! I ordered some of the new material  
Posted by [stonysmith](#) on Wed, 27 Apr 2011 21:15:48 GMT  
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I too am now counting the days.. I actually had the luxury of time to re-design a couple of models for Frosted Ultra Detail, and can't wait to see how well the thinner walls work.

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Subject: Re: Yippie! I ordered some of the new material  
Posted by [sFsGaming](#) on Thu, 28 Apr 2011 04:00:53 GMT  
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Unfortunately I don't think I'll have enough time to complete more than one model in FUD as we're working on a largish t-shirt order.

I do hope they keep it!!! SW's examples look very promising!

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Subject: Re: Yippie! I ordered some of the new material  
Posted by [mctrivia](#) on Thu, 28 Apr 2011 14:06:39 GMT  
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I am ordering some of these to test how clear this stuff is. got some cool projects planned depending how clear it is.

[http://www.shapeways.com/model/248919/clarity\\_test\\_screen.html?gid=ug49347](http://www.shapeways.com/model/248919/clarity_test_screen.html?gid=ug49347)

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Subject: Re: Yippie! I ordered some of the new material  
Posted by [stop4stuff](#) on Thu, 28 Apr 2011 14:55:24 GMT

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I done a little write up on my blog about the models I've ordered... some of them are very small with very small clearances, it should be very interesting to see how they turn out.

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Subject: Re: Yippie! I ordered some of the new material  
Posted by [stonysmith](#) on Thu, 28 Apr 2011 15:10:57 GMT  
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The word "Frosted" is very important here. The items are NOT "clear" as in "see-thru" The exterior surface is actually "Frosted".

I've got some pictures here comparing FUD to WD:

[#https://picasaweb.google.com/stonysmith/ShapewaysUltraSmooth #](https://picasaweb.google.com/stonysmith/ShapewaysUltraSmooth)

I would post them here, but Picasa allows you to zoom in to the full resolution of the images.. lint and all. One note: the items here were designed for WD/BD/TD.. and have not yet been re-designed for the new thinner wall options. The trucks pictured are approx 2cm long, 1cm wide. TINY stuff.

As shipped, FUD could not be used for lenses, etc. I have not yet had the opportunity to see if the surface can be altered to make it completely transparent or not. (I sent all these items off to my painter friend)

I have a suspicion that if you apply a thin coat of liquid glue to the surface, you may be able to get it to be "almost" see-thru, but due to the nature of the process, I still expect the internal index of refraction is going to change from one layer to the next, causing a scattering of light, keeping it from ever being truly "clear".

As you can see in the pics, the old WD/TD material was always a bit yellowish... this new material is much closer to truly colorless.

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Subject: Re: Yippie! I ordered some of the new material  
Posted by [mctrivia](#) on Thu, 28 Apr 2011 15:17:08 GMT  
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for my uses it does not need to be transparent just need to be reasonably clear translucent.

your pictures make it look like it wont work. images here

[http://www.shapeways.com/materials/frosted\\_detail](http://www.shapeways.com/materials/frosted_detail) look like it will

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Subject: Re: Yippie! I ordered some of the new material  
Posted by [stop4stuff](#) on Thu, 28 Apr 2011 15:24:26 GMT  
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Thanks for the info stonysmith, if its just the exterior surface that's frosted then that is no different to the regular transparent detail. TD need sanding back and then polishing to give good transparency with a smooth surface. If FUD is the same then no problem... I might even have a go at flame polishing as there shouldn't be any uncured polymer on the surface.

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Subject: Re: Yippie! I ordered some of the new material  
Posted by [stonysmith](#) on Thu, 28 Apr 2011 16:03:20 GMT  
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That's kinda funny.. the picture on the right of the materials page IS one of my pictures

!!!Such an honor to have made it to the materials page!!!

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Subject: Re: Yippie! I ordered some of the new material  
Posted by [ana](#) on Thu, 28 Apr 2011 20:32:24 GMT  
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I'm definitely making sure Nancy sees this thread

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Subject: Re: Yippie! I ordered some of the new material  
Posted by [Spoors](#) on Thu, 28 Apr 2011 21:51:34 GMT  
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Hi,

I ordered all items you can see in my shop in FUD. It should allow me to create the following HO<sub>n</sub>30 scale items (based on an existing chassis ...).

A small 13 ton Shay locomotive

A wholestick sugar cane truck

The models shown above were printed a different service provider, but I hope that FUD will be as good ... or even better!

Cheers,

Jeroen

PS: If you want to see more of my modelling, just check my site.

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Subject: Re: Yippie! I ordered some of the new material  
Posted by [Silverbeam](#) on Wed, 04 May 2011 19:12:59 GMT  
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This material shouts, Snow flake! And Ice! to me, Should be fun to experiment with, I have a few items coming hurray!

Can't wait for a totally clear material, unlike TD since that is kinda yellow.

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Subject: Re: Yippie! I ordered some of the new material  
Posted by [Nane](#) on Tue, 10 May 2011 12:32:06 GMT  
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Hard to see details, wondering if a darker background like that used by Shapeways to show off FUD would help your pictures "pop" some more:

[http://www.shapeways.com/materials/frosted\\_detail](http://www.shapeways.com/materials/frosted_detail)

Great modeling nonetheless!

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