
Subject: Purple Strong & Flexible, extra thickness
Posted by [bmsleight](#) on Tue, 04 Sep 2012 22:03:10 GMT
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Hi Shapeways,

Received my latest model in the post today - way ahead of schedule. They look fantastic...

I have a question about accuracy, in particular Purple Strong & Flexible.

I had to sand down the round models, to fit. As I sanded them down - I revealed white plastic below. After sanding all the purple (die?), the models fit together perfectly. But the screw/tapping does not fit, as I can not sand the crevices.

See the next two photos....

The <http://www.shapeways.com/materials/strong-flexible-design-guidelines> mention:-
Accuracy: $\hat{A} \pm 0.15\text{mm}$, then $\hat{A} \pm 0.15\%$ of longest Axis

How big is the coloured coating ?

Which colour in strong flexible does not have a covering - (guessing only white) ?

Thanks,
Brendan

Subject: Re: Purple Strong & Flexible, extra thickness
Posted by [Youknowwho4eva](#) on Wed, 05 Sep 2012 13:34:33 GMT
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The coloring isn't a coating, the whole part is dyed, but the dye only gets so deep. The other parts are stainless prints right? that has an accuracy of 2mm. So a combination of the 2 variances could lead to your fit issues.

Subject: Re: Purple Strong & Flexible, extra thickness
Posted by [bmsleight](#) on Fri, 14 Sep 2012 19:09:43 GMT
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Ok - thanks for the reply.
