
Subject: the connection between price and volume is not correct
Posted by [HankChinaski](#) on Wed, 19 Dec 2012 13:41:38 GMT
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Hi everybody,

I loaded up a model to shapeways to get an approximately price for it. I want to use the Strong & Flexible Plastic (not dyed, not polished). Shapeways calculated the volume of the model to be 1609,06 cm³ and the price to be 1141,84\$.
If i calculate the price myself, my result will be 2252,68\$.

Now i hollowed the model to make it cheaper. The volume of the hollowed model is 682,03 cm³ and the price is 956,35\$.
I mean the volume is reduced by more than the half, but the price is reduced by only about 15 percent.

I really dont get it how the price is calculated. maybe someone can point me in the right direction.

Measurements of the bounding box: In: 11.6 w x 6.3 d x 8.8 h
Cm: 29.5 w x 16.1 d x 22.3 h

Thanks in advance,

Hank

Subject: Re: the connection between price and volume is not correct
Posted by [virtox](#) on Wed, 19 Dec 2012 13:47:12 GMT
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It is probably because of the density discount:

<http://www.shapeways.com/materials/strong-flexible> :

Quote:We also offer a volume and density discount on Strong & Flexible materials. For models that are greater than 10% dense (material volume divided by bounding box volume), after the first 20cm³, the remaining volume is calculated with a 50% discount.
