Subject: Material Suggestion: Gold tinted Alumide
Posted by Whystler on Wed, 16 Jan 2013 20:54:19 GMT
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Hey hey,

I'm making an assumption here with this suggestion.

We know that Alumide is made with a mixture of aluminum particles, and nylon particles. I'm assuming that the nylon are grey in colour. Is that true?

And if so, I can see a nice sparkly light gold material by pairing light buttercup gold nylon particles with aluminum particles.

File Attachments

1) alumide-gold.jpg, downloaded 168 times

Subject: Re: Material Suggestion: Gold tinted Alumide
Posted by Youknowwho4eva on Wed, 16 Jan 2013 20:57:47 GMT
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Long time no see Whystler!

I'll see if I can dig up the composition of Alumide

Subject: Re: Material Suggestion: Gold tinted Alumide
Posted by Whystler on Wed, 16 Jan 2013 21:04:55 GMT
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Phanx YKW4E

Subject: Re: Material Suggestion: Gold tinted Alumide
Posted by stonysmith on Wed, 16 Jan 2013 23:21:41 GMT
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Alumide is PA22 Nylon mixed with Aluminum powder. The nylon is the same as they use for WSF. The gray color comes from the Aluminum.

Subject: Re: Material Suggestion: Gold tinted Alumide
Posted by Whystler on Thu, 17 Jan 2013 00:47:18 GMT
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Darnit ... It would have been an easier solution if alumides nylon particles were died prior...

The properties of WSF are really great for strong models made with little material with a decent cost. The colours options are great for funky fun fashion models. Alumide is nice for it's space grey look with a hint of glitz. But if you want something a little more classic, heading towards a magical vintage, it sure would be nice to have a yellowed version of alumide.

-Whystler

Subject: Re: Material Suggestion: Gold tinted Alumide
Posted by pete on Thu, 17 Jan 2013 13:50:42 GMT
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Hi Whystler,

long time no see Good to see you here again!

Regarding your idea, I'll ping the Product team today.
We will have a look.

best,
Pete

Subject: Re: Material Suggestion: Gold tinted Alumide
Posted by Youknowwho4eva on Thu, 17 Jan 2013 14:03:28 GMT
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I kind of want to try this with an Alumide piece now. Closest thing I could find to turning Aluminum colors chemically.

Subject: Re: Material Suggestion: Gold tinted Alumide
Posted by mkroeker on Thu, 17 Jan 2013 14:52:33 GMT
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I fear this will just dissolve the Al and precipitate a brownish-black slurry of copper *everywhere*, but you will not
get it to form any (gold-colored) aluminum bronzes (Cu-Al intermetallics) under these conditions.