



Perfactory® Material

Easy-Cast EC500

EnvisionTEC's innovative direct investment casting material, Easy-Cast EC500 for use on the Perfactory® 4, Aureus jewelry model makers. With 30% faster build times and dramatically improved casting abilities, EC500 is the answer you have been waiting for to give you a competitive advantage in the jewelry manufacturing market. You can now produce up to 15 rings in 5.7 hours at 25 microns resolution compared to 8 hours with earlier materials on the Aureus. The EC500 material produces the highest resolution with the crispest detail without sacrificing speed and accuracy. EC500 has a melting point of 250 degrees C, and zero ash content on complete burnout which makes it cast as easily as any injection wax pattern.

Recommended Machines

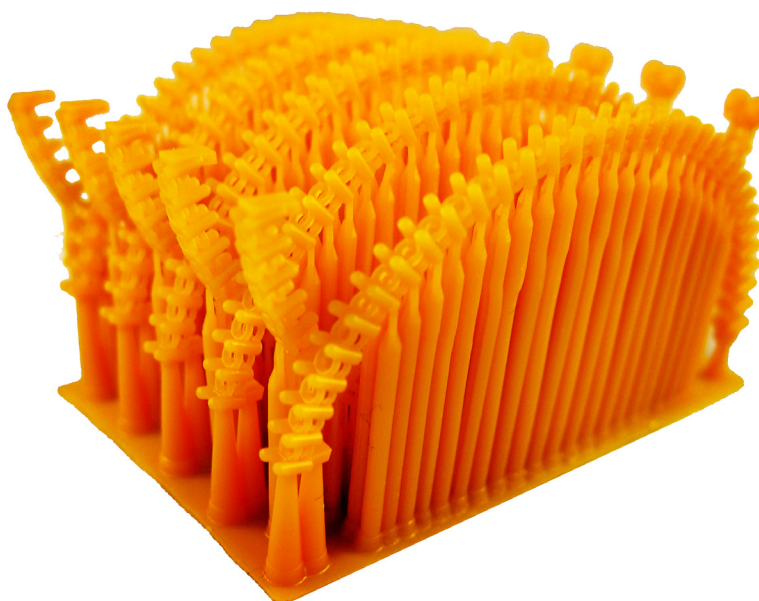
Aureus, Apollo, Desktop XL, Perfactory® 4 Mini, Perfactory® 4 Mini XL, Perfactory® 3 Mini Multi Lens

Applications

Jewelry, MCAD

Material Properties

- » Improved speed when compared to PIC and WIC series - 4.5 seconds at 25 microns versus 7.5 seconds for PIC and WIC
- » Crisp detail with super smooth surfaces
- » Faster post curing times - less than 10 minutes
- » Opaque yellow to show fine feature details
- » Achieve superior surface quality for your metal investment castings by using EC500 in combination with most investment powders.



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