

# Perfactory® Easy Cast EC500

Unspecified

EnvisionTEC, Inc.

## Message:

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.

### Applications

Jewelry, MCAD

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.

### Recommended Machines:

Aureus, Perfactory® 4 Mini with ERM, Perfactory® 4 Mini XL with ERM

General Information	
Features	Fast Cure Outstanding Surface Finish
Uses	Jewelry Modeling Material Mold Making Prototyping
Appearance	Opaque Yellow
Forms	Liquid
Processing Method	3D Printing, Stereolithography

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## Recommended distributors for this material

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