

## E-Shell 500 Series

Let us print your part!<sup>1</sup>



EnvisionTEC's E-Shell 500 Series has been designed especially for applications in the hearing aid industries and is distinguished for soft durability. The material is a liquid, photo-reactive acrylate for building functional parts. It is CE-certified and Class IIa biocompatible according to ISO 10993 (Medical Product Law) for soft ear shells and tips. The E-Shell 500 Series materials are tough, water- and perspiration-resistant and available in two variations, clear and opaque pink.

Material Properties <sup>2, 4</sup>	
Description	Value
Viscosity	3000 cps
Curing	10 s
Elongation at Break	60%
Shore A	87
Tear Strength	810 MPa

Recommended 3D Printer Family <sup>3</sup>
Perfactory Family, Micro Family

<sup>1</sup> Learn more at [EnvisionTEC.com/printmypart](http://EnvisionTEC.com/printmypart)

<sup>2</sup> All data provided is preliminary and must be verified by the individual user

<sup>3</sup> May not be suitable for all machine models within a 3D printer family. Please refer to specific model online for compatibility.