E-Shell 500 Series

Let us print your part![1]

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[2, 4]	
Description	Value
Viscosity	3000 cps
Curing	10 s
Elongation at Break	60%
Shore A	87
Tear Strength	810 MPa

Recommended 3D Printer Family[3]
Perfactory Family, Micro Family

[1] Learn more at EnvisionTEC.com/printmypart
[2] All data provided is preliminary and must be verified by the individual user
[3] May not be suitable for all machine models within a 3D printer family. Please refer to specific model online for compatibility.