

E-Shell 200 Series

Let us print your part!¹



E-Shell 200 Pink



E-Shell 201 Tan



E-Shell 202 Mocca



E-Shell 203 Beige



E-Shell 204 Cocoa



E-Shell 205 Brown

EnvisionTEC's E-Shell 200 Series is a low viscosity liquid photopolymer that produces strong, tough, water-resistant ABS-like parts with high detail that are Class IIa biocompatible according to ISO 10993/Medical Product Law and are CE-certified for use as hearing aid products, otoplastics, and medical devices.

The E-Shell 200 Series is available in several different opaque skin tone colors and can be customized on demand. Because of their opaque appearance similar to production plastic, E-Shell 200 Series resins can also be used for non-medical applications

Material Properties ²		
ASTM Method	Description	Value
D638M	Tensile Strength	57.8 MPa
	Elongation at Break	6%
	Elongation at Yield	3.2%
	Modulus of Elasticity	2,400 MPa
	Poisson's Ratio	0.21
D790M	Flexural Strength	103 MPa
	Flexural Modulus	2,300 MPa
D256A	Izod Impact - Notched	21.1 J/cm
D570-98	Water Sorption	0.12%
D-149-97a	Dielectric Strength	14.6
E1545-00	Glass Transition Temperature	109°C

Recommended 3D Printer Family³

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