

E-Silicone

Let us print your part!¹



EnvisionTEC's E-Silicone material offers a solution to produce soft silicone otoplastics by the additive manufacture of cocoon molds. The custom fit E-Silicone molds may be injected with medical-grade silicone materials. The eggshell-like mold may then be easily broken away, leaving a soft, flexible shell. These shells can provide patients with increased comfort, better retention, better acoustic seal, more gain before feedback and improved sound quality.

Material Properties ²	
Description	Value
Viscosity	170-220 cP at 30°C
Density	1.05 - 1.15 g/cm ³
Recommended Projector Brightness	500 mW/dm ²

Recommended 3D Printer Family ³
Perfactory Family, Micro Family

¹ Learn more at [EnvisionTEC.com/printmypart](https://www.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.