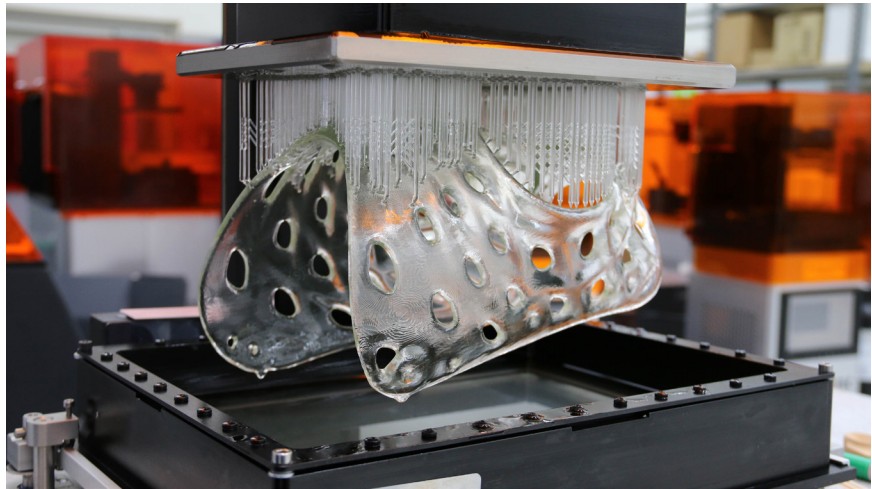


## E-Guide Soft

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



EnvisionTEC's E-Guide Soft is a high-performance, high modulus, biocompatible material boasting excellent flexural and tensile physical properties. Stiffness combined with toughness make this material ideal for use in a wide variety of impact-resistant medical devices.

Material Properties <sup>2</sup>		
Description	Value	Standard/Method
Flexural Strength	36 - 44 MPa	ASTM D790
Flexural Modulus	1240 - 1280 MPa	ASTM D790
Elongation at Break	>90%	ASTM D638
Hardness, Shore D	80	ASTM D2240
IZOD Impact (Notched)	63 - 65 J/m	ASTM D256
Youngs Modulus	340 - 360 MPa	DIN EN ISO 527-1:1996
Ultimate Tensile Strength	19 - 21 MPa	DIN EN ISO 527-1:1996
Strain at Break	80 - 120 MPa	DIN EN ISO 527-1:1996
Ultimate Flexural Strength	35 - 39 MPa	DIN EN ISO 20795-2:2013
Flexural Modulus	1000 - 1200 MPa	DIN EN ISO 20795-2:2013
Water Sorption, µg/mm <sup>3</sup>	Passed	DIN EN ISO 20795-2:2013
Water Solubility, µg/mm <sup>3</sup>	Passed	DIN EN ISO 20795-2:2013
Cytotoxicity	Passed	ISO 10993
Irritation	Passed	ISO 10993
Sensitization	Passed	ISO 10993

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

# E-Guide Soft

## HANDLING

For safe handling information on this product, consult the Safety Data Sheet (SDS)

### Directions for Use

1. This product is light sensitive; exposure to daylight, UV light or artificial lighting should be kept to a minimum during storage and handling
2. Shake or stir E-RE70 well before use due to the possibility that the colorants may separate or precipitate over long storage periods
3. For best 3D printing: Mix the 3D resin before each print. Do not leave resin in printer when not in use. Filter the resin after each 3D print before reuse
4. Excess material can be easily wiped away with non-polar solvents.

### Storage

Store product in a cool, dry location, in unopened containers at a temperature between 8°C and 28°C unless otherwise labeled. To prevent contamination of unused product, do not return any material to its original container.



## DISCLAIMERS

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