envisionTEC

E-Model Beige

Let us print your part![1]

EnvisionTEC's E-Model Beige printing material for DLP and cDLM 3D printers is the perfect choice for orthodontic models for thermoforming aligners over. A high green strength gives E-Model Beige added strength and stability during the build, resulting in lower shrinkage and curling than similar products. The low viscosity of the liquid material allows for quick and easy cleanup of the models. E-Model Beige produces detailed models, with exceptional surface finish, for precise orthodontic treatment plans.

Material Properties[2]	
Description	Value
Tensile strength	55 MPa
Elongation at break	5.5%
Tensile modulus	2200 MPa
Flexural strength	90 MPa
Flexural modulus	2540 MPa
Impact	25 J/m
HDT	60.5°C at 1.82 MPa
D hardness	83
Viscosity	150 cP at 30°C

Recommended 3D Printer Family[3]
Perfactory Family, 3SP Family, cDLM 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.

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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-Model Beige 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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