

KeyOrtho IBT for EnvisionTEC



KeyOrtho IBT for EnvisionTEC combines the strength and precision to accurately set brackets, with the flexibility and non-stick formula needed for easy release.

Biocompatible, tasteless, and odorless, KeyOrtho IBT for EnvisionTEC is ideal for manufacturing indirect bonding trays. Drastically reduce chair time and increase patient comfort during the orthodontic bracket setting process.

Material Properties ²		
Description	Value	Standard
Tensile Strength	8.0-10.5	ASTM D638
Young's Modulus	15.5-31.0 MPa	ASTM D638
Elongation at Break	>130%	ASTM D638
Biocompatibility	ISO 10993-5	Pass
Viscosity @25°C	<1000 cP	ASTM 7867
Orthodontic Adhesive Release	Pass	

Recommended 3D Printer Family ³
Perfactory, Envision One, cDLM

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.

Keysplint Soft for EnvisionTEC

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 Keysplint Soft for EnvisionTEC 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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