

Press-E-Cast



EnvisionTEC's Press-E-Cast is a wax-filled photopolymer material designed for producing wax copings and crowns with highly detailed anatomy and crisp features. It is also possible to produce a perfectly fitting multiple unit bridge up to 16 units. Press-E-Cast has a very low thermal expansion during burn-out and produces a high quality surface finish on cast or pressed parts. It melts during the burn-out cycle, allowing for the material to melt out of the investment without leaving any ash residue. Low material expansion allows rapid burn-out and casting with any dental alloy without any flashing due to micro-cracking in the investment. Pressing or casting in any material works well with conventional spruing techniques and investments.

Material Properties ¹	
Description	Value
Tensile Strength	56 MPa
Elongation at Break	3.5%
Flexural Strength	115 MPa
Flexural Modulus	3350 MPa
HDT (Heat Deflection Temperature) - No heat treatment necessary	150°C (284°F)

Recommended 3D Printer Family ²
Perfactory Family, Micro Family

¹ All data provided is preliminary and must be verified by the individual user

² May not be suitable for all machine models within a 3D printer family. Please refer to specific model online for compatibility.