STEREOLITHOGRAPHY

PRESS-E-CAST M

MATERIAL SPECIFICATIONS

PRODUCT DESCRIPTION

Press-E-Cast M is a wax-filled photopolymer material, highly detailed anatomy with crisp features. Its stiffness allows for the production of copings with extremely thin margins as well as full anatomical crowns.
It is possible to produce a perfectly fitting multiple unit bridge up to 16 units.

Press-E-Cast M has a very low thermal expansion during burnout and produces a high quality surface finish on cast or pressed parts. It is the only photopolymer-based material that actually melts during the burnout cycle, allowing for the material to melt out of the investment without leaving any ash residue which is a common problem associated with the burning of photopolymers used in competing technologies. Low material expansion allows the dental lab to rapid burnout and cast with any dental alloy avoiding flash due to micro-cracking in the investment. Pressing or casting in any material works well with conventional spruing techniques and investments.

APPLICATIONS

Dental

KEY BENEFITS

- wax-filled photopolymer material

PROPERTIES

Tensile Strength (MPa)	Elongation at Break (%)	Flexural Strength (MPa)	HDT	Flexural Modulus (MPa)
56	3.5	115	140 °C	3350