

PRECISION 3D RESINS

KeyCast™



FEATURES OF KEYCAST™

- For casting of crowns and partial dentures, this material produces a strong, porous-free 3D print that is resistant to fractures in even the finest of details
- It burns out easily using existing ovens and workflows, with no residual ash, yielding detailed frames and accurate crowns

#4220000 KeyCast™, 35.3 oz (1 kg)

PROPERTY	PROCEDURE	TESTING	KEYCAST™
Tensile Strength (MPa)	ASTM D638-03	Pull Force	16
Elongation at break %	ASTM D638-05	Pull Force	15.60%
Young's Modulus (MPa)	ASTM D638-04	Pull Force	25
Shore Hardness (D)	Scale D	Physical Analysis	40
Shrinkage	ASTM D792	Dimensional Stability	<2%
CTE 0-150°C (32-302°F)	ASTM E831	Thermal Analysis	168 x 10 ⁻⁶ m/(m·°C)
CTE 150-250°C (302-482°F)	ASTM E831	Thermal Analysis	64 x 10 ⁻⁶ m/(m·°C)
CTE >250°C (>482°F)	ASTM E831	Thermal Analysis	<0m/(m·°C)