

PRECISION 3D RESINS

# KeyOrthoModel™



## FEATURES OF KEYORTHOMODEL™

- Designed for high-speed prints (150+µm z-axis layers) that are highly-accurate, hard and strong
- Fast and accurate – can build at least 780 µm per minute printing @ 200µm z-axis layers
- Perfect for thermoforming orthodontic devices
- Maintains stability when subjected to thermoforming temperatures.

#4220003 KeyOrthoModel™, 35.3 oz (1 kg)

PROPERTY	PROCEDURE	TESTING	KEYORTHOMODEL™
Tensile Strength (MPa)	ASTM D638-03	Pull Force	51.5
Elongation at break %	ASTM D638-05	Pull Force	5.60%
Young's Modulus (MPa)	ASTM D638-04	Pull Force	1853
Flexural Strength (MPa)	ASTM D790	Flex Force	79.6
Flexural Modulus (MPa)	ASTM D790	Flex Force	2293
Flexural Strain % (Max 10%)	ASTM D790	Flex Force	7%
Tg (°C)	DSC	Thermal Analysis	50-60°C
Shore Hardness (D)	Scale D	Physical Analysis	86D
IZOD Impact (J/m)	ASTM D256	Physical Analysis	42.3