



# MODEL 3D PRO BEIGE TECHNICAL DATA

Liquid Properties			
Appearance	Opaque beige liquid	EC	4.29 mJ/cm <sup>2</sup>
Viscosity	700 cps at 25° C	Dp metric	0.12 mm
Density	1.18 g / cm <sup>3</sup>	Dp imperial	4.89 mils

Polymer Properties			
Mechanical properties		30 minutes high power LED curing at 40°C	
Description	ASTM Method	Metric	Imperial
Tensile Strength	D638M	37 MPa	5.4 ksi
Tensile Modulus	D638M	1.9 Gpa	276 ksi
Elongation at Break	D638M	4.8%	4.8%
Flexural Strength	D790M	64 MPa	9.3 ksi
Flexural Modulus	D2240	1.7 Gpa	247 ksi
Shore D Hardness	D2240	85	85
Water Sorption	D570-98	0.37%	0.37%
Linear Shinkage During Printing	Internal Method	0.30%	0.30%
Linear Shinkage During UV-Curing	Internal Method	0.40%	0.40%

These values may vary and depend on individual machine processing and post-curing. Model 3D Pro is not tested on biocompatibility, therefore the material should not be used for applications inside the human body.