



MODEL 3D PRO GREY TECHNICAL DATA

Liquid Properties			
Appearance	Opaque grey liquid	EC	4.62 mJ/cm ²
Viscosity	700 cps at 25° C	Dp metric	0.14 mm
Density	1.18 g / cm ³	Dp imperial	5.53 mils

Polymer Properties			
Mechanical properties		30 minutes high power LED curing at 40°C	
Description	ASTM Method	Metric	Imperial
Tensile Strength	D638M	49 MPa	7.1 ksi
Tensile Modulus	D638M	2.3 GPa	334 ksi
Elongation at Break	D638M	4.1%	4.1%
Flexural Strength	D790M	89 MPa	12.9 ksi
Flexural Modulus	D2240	2.4 GPa	348 ksi
Shore D Hardness	D2240	85	85
Water Sorption	D570-98	0.45%	0.45%
Linear Shrinkage During Printing	Internal Method	0.30%	0.30%
Linear Shrinkage 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.