



# GINGIVA 3D TECHNICAL DATA

Liquid Properties			
Appearance	Opaque pink liquid	EC	14.22 mJ/cm <sup>2</sup>
Viscosity	950 cps at 25° C	Dp metric	0.22 mm
Density	1.18 g / cm <sup>2</sup>	Dp imperial	8.64 mils

Polymer Properties			
Mechanical properties		30 minutes high power LED curing (submerged)	
Description	ASTM Method	Metric	Imperial
Tensile Strength	D638M	2.2 MPa	0.31 ksi
Tensile Modulus	D638M	11.9 Mpa	1.73 ksi
Elongation at Break	D638M	80-120%	80-120%
Shore A Hardness	D2240	64	64
Water sorption	D570-98	14.8%	14.8%

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