



## GINGIVA 3D

Gingiva 3D from Garreco Print is perfect for manufacturing soft tissue, gum-like parts for dental implant models. This soft pink resin is optimized for Liquid Crystal Display (LCD), Digital Light Processing (DLP) and Stereolithography (SLA) 3D-printers.

### PRODUCT DESCRIPTION

Gingiva 3D is a pink colored photopolymer resin. It is a soft and flexible material that can be used in combination with Model 3D Pro Beige or Grey material. Gingiva 3D opens the possibility to create the soft part for highly precise models, bridges and implant superstructures. Gingiva 3D is easy to use on open MSLA / LCD, DLP and SLA 3D-printers in the range of 385 – 420nm. With its soft and flexible properties, it is perfect for the production of gum parts and soft tissue which supports dental implant models and C&B projects.

### KEY BENEFITS

- Gum look
- Soft touch
- Easy to use
- Good flexibility

### 3D-PRINTER COMPATIBILITY

- Asiga® Series
- Photon® Series
- Phrozen® Series
- Open 385 - 420nm LCD / MSLA, DLP and SLA 3D-printers

### PRODUCT CONFIGURATIONS

Gingiva 3D 1 kg or 500 grams





# 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 the human body.