zDental Gingiva

Technical Data Sheet

Product Discription:

zDental Gingiva is a light-curing resin for the fabrication of removable flexible gingiva masks using 3D LCD printers utilizing wavelengths between 385nm–405nm. The gingiva masks produced are suitable for all dental indications including dental implant study models, and crown and bridge study models. zDental Gingiva is a fast-printing resin with properties of excellent precision, easy-cleaning, flexibility, making dentists confidently check implant prosthetics by adding removable soft tissue components to rigid dental models.

Characteristics:

Tested Property	Result	Standard/Method
Tensile Property		
Tensile Strength, MPa	1.32	ASTM D638
Tensile Modulus, MPa	0.93	ASTM D638
Elongation, **%**	177.30	ASTM D638
Impact Property		
IZOD Impact (Unnotched) , J/ m	354.60	ASTM D256

Physical Characteristics		
Shore A Hardness	56 A	ASTM D2240
Viscosity (at 25℃)	500 -1,000 mPa·s	

1. The testing samples are printed by NBEE with default parameters of 100 μm layer thickness, and post-cured by UCure with default parameters of the zDental Gingiva resin.

2. Mechanical properties will vary based on printer, model orientation onto build platform,

printing parameters used, cleaning and post-curing of the printed parts, and so on. Learn more at www.UNIZ.com.

3. UNIZ guarantee that the information and data stated herein are based upon tests in our lab and are considered to be reliable and accurate. This information and data are used for reference only, no warranty as a legal basis. User should be tested by themself firstly.

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