

Introduction

Crestaform® Dental C & B Model Beige is optimised for the precise production of crown and bridge working models, including removable dies and implant analogue models, delivering excellent dimensional accuracy, sharp margin lines, and a matt-like surface finish that makes detail inspection effortless. The formulation offers high rigidity and edge stability to withstand sawing, sectioning, and repeated placement of restorations in the laboratory workflow. It is compatible with open-source 385 and 405nm mSLA/LCD & DLP vat-based 3D printers and is also validated on Asiga to ensure reliable performance and repeatable results.

General Properties	Test	Typical Values	
Viscosity @ 25°C	Cone & Plate, 0-10P	4.5 Ps	
Liquid Density @ 25°C	Anton Paar	1.13 g/cm ³	
Tensile Properties*	Test	Typical Values	
		Green	Cured
Tensile Modulus	ISO 527-2	1700 MPa	2670 MPa
Ultimate Tensile Strength	ISO 527-2	29 MPa	54 MPa
Elongation at Break	ISO 527-2	20 %	9 %
Flexural Properties**	Test	Typical Values	
Flexural Modulus	ISO 178	2380 MPa	
Flexural Strength	ISO 178	77 MPa	
Other Properties**	Test	Typical Values	
Heat Deflection Temperature	ISO 75-2, Method B (0.45 MPa)	55 °C	
Shore D Hardness	ISO 868	84 D	

* Testing specimens Type 5A printed edgewise at 0° orientation and UV post cured for 30 mins using 405nm Formlabs Formcure

** Testing specimens printed flatwise, and UV post cured for 30 mins using 405nm Formlabs Formcure

Printing Performance

Quality of the printed parts are impacted by combination of 3D printer and material used. More information about printing parameters as well as Usage, Storage, Packaging and Health and Safety can be found in the relevant product guideline.

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