Crestaform® DENTAL

C & B MODEL (BEIGE & GREY)

Technical Data Sheet

Introduction

Crestaform® Dental C & B Model 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^{0}C	Cone & Plate, 0-10P	4.5 Ps	
Liquid Density @ 25^{0}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 ^{0}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.

© 2026 Scott Bader Company Limited, October 2026, Issue No. 1

All information on this data sheet is based on laboratory testing and is not intended for design purposes. Scott Bader makes no representations or warranties of any kind concerning this data. Due to variance of storage, handling and application of these materials, Scott Bader cannot accept liability for results obtained. The manufacture of materials is the subject of granted patents and patent applications; freedom to operate patented processes is not implied by this publication.

SCOTT BADER
Making a positive difference

Scott Bader Company Limited
Wollaston, Wellingborough, Northants NN29 7RL
+44 (0)1933 663738
enquiries@scottbader.com

scottbader.com