

Try-in

Dental Try-in for High-Precision, High-Accuracy

DTI is designed for the rapid prototyping and printing of 3D printed dental models for clinical try-in use. High-accuracy, fast printability, and biocompatibility help to assess clinical try-in fit and verify design and function.



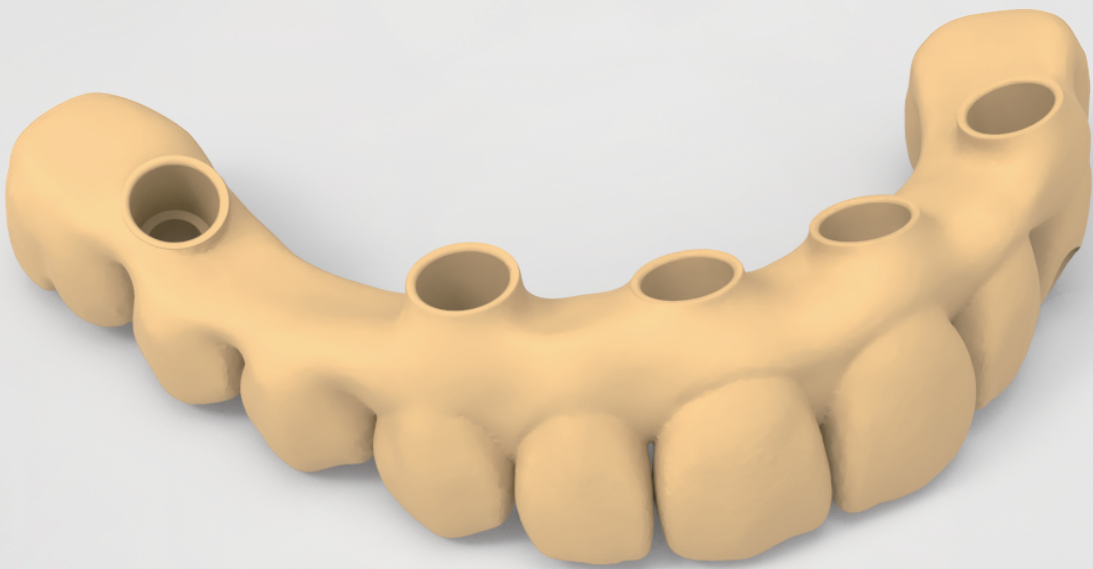
Strong



Durable



Easy To Polish



DTI02

DTI

Luxcreo's Dental Model Material DTI is a light-curing resin for the 3D printing of orthodontic and dental models for use with DLP /LCD/SLA printers (385-405nm).

Composition: methacrylate, photo-initiator, inhibitor, and pigment

Standard / Method		Metric
Flexural Properties		
Flexural Strength	ASTM 790	95 MPa
Flexural Modulus	ASTM 790	2397 MPa
Tensile Properties		
Tensile Strength	ASTM D638	60
Elongation at Break	ASTM D638	10%
General Properties		
Hardness	Shore D	84D
Viscosity @ 25°C (cPS)	ASTM 7867	800
Biocompatible		
Cytotoxicity	ISO 10993	Complies
Irritation	ISO 10993	Complies
sensitization	ISO 10993	Complies

These data were determined in accordance with ISO and ASTM standards and are pursuant to LuxCreo Quality System. This document is valid without signature.

These data are typical values and were determined through testing on DLP printers which are validated for use with LuxCreo's products. Mechanical properties will vary based on machine, part orientation, machine type, machine power, post curing of the printed parts, and cleaning. See product guide for post-processing procedure and best practices. Improper use or failure to adhere to the product guide may result in variations of color and mechanical properties. This product is suitable for the manufacturing of dental try-ins. LuxCreo reserves the right to change material characteristics, and formulation without prior notification.