

Premium Teeth Resin

For strong life-like denture teeth and temporary full-arch implant-supported restorations (All-on-X)

Premium Teeth Resin is a nano-ceramic filled resin designed for the fabrication of 3D printed dental appliances, such as denture teeth for complete and partial removable dentures, try-in dentures, and provisional full-arch implant-supported restorations (All-on-X).

Provisional Full-Arch Implant-Supported Restorations (All-on-X)

Denture Teeth for Complete and Partial Removable Dentures

Try-in Dentures



V1

FLPTA201
FLPTA301

FLPTB101
FLPTBLO1

* Regional availability may vary.

MATERIAL PROPERTIES DATA

Premium Teeth Resin

HT (High Translucency): A2, A3, B1, BL

	Post-Cured ^{1,2}	Method
Mechanical Properties		
Flexural Strength	155 MPa	ASTM D790
Flexural Modulus	4300 MPa	ASTM D790
Hardness	90 D	ASTM D2240
Sorption	36.2 µg/mm ³	ISO 10477:2018
Solubility	1.1 µg/mm ³	ISO 10477:2018
Opacity at 1 mm thickness	54%	-
Density	1.23 g/mL	-
Viscosity	1100 cP @ 25 °C 450 cP @ 35 °C	-

Premium Teeth Resin has been evaluated in accordance with ISO 10993-1:2018, Biological evaluation of medical devices - Part 1: Evaluation and testing within a risk management process, and ISO 7405:2018, Dentistry - Evaluation of biocompatibility of medical devices used in dentistry, and passed the requirements for the following biocompatibility risks:

ISO Standard	Description ³	
ISO 10993-5:2009	Cytotoxicity	Passed
ISO 10993-23:2021	Irritation	Passed
ISO 10993-10:2021	Sensitization	Passed
ISO 10993-11:2017	Toxicity	Passed
ISO 10993-3:2014	Genotoxicity	Passed

The product was developed and is in compliance with the following ISO Standards:

ISO Standard	Description
EN ISO 13485:2016	Medical Devices – Quality Management Systems – Requirements for Regulatory Purposes
EN ISO 14971:2012	Medical Devices – Application of Risk Management to Medical Devices

¹ Material properties may vary based on part geometry, print orientation, print settings, temperature, and disinfection or sterilization methods used.

² Data was obtained from parts printed using Form 3B(+), 50 µm, Premium Teeth Resin settings, and using post-processing instructions listed in the Premium Teeth Resin Manufacturing Guide.

³ Premium Teeth Resin was tested at NAMSA World Headquarters, OH, USA.