

ARGEN[®] TRAY

TECHNICAL DATA SHEET

Indications for Use: Argen[®]TRAY is a strong, biocompatible (Class I) 3D printing resin designed to create customized, individual impression trays quickly and with precision. The material is strong and durable to withstand the forces of taking a patient impression and removing the tray from the oral cavity. It is compatible with all types of impression material.

CHARACTERISTICS

- No preliminary casting required
- Saves time by eliminating stone models
- Improved impression accuracy
- Compound waxes and border molding materials will adhere to tray

TESTED PROPERTY	STANDARD/METHOD	RESULT
Flexural Strength	ASTM D790	84.7 MPa
Flexural Modulus	ASTM D790	1913 MPa
Tensile Strength	ASTM D638	62.1 MPa
Young's Modulus	ASTM D638	2056 MPa
Elongation at Break	ASTM D638	26.4%
Shore D Hardness	ASTM D2240	86.5 Shore D

These data are typical values and were determined through testing on DLP printers which are validated for use with Argen[®] 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 custom impression trays. Argen reserves the right to change material characteristics, and formulation without prior notification.

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

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