ARGEN® GUIDE

TECHNICAL DATA SHEET

Indications for Use: Argen®GUIDE is a stiff, biocompatible (class I) 3D Printing resin designed to create surgical guides. The material is stiff and durable to withstand the forces of guided surgery in the oral cavity.

CHARACTERISTICS

- Biocompatible
- Highly Accurate for precise implant placement
- Clear for maximum visibility
- Autoclavable for sterilization

TESTED PROPERTY	STANDARD/METHOD	RESULT
Flexural Strength	ASTM D790	106 MPa
Flexural Modulus	ASTM D790	2400 MPa
Elongation at Break	ASTM D638	6.3%
Shore D Hardness	ASTM D2240	95 D
Biocompatibility	ISO 10993-5	Pass
	ISO 10993-10	Pass

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 sterilization guide for guidance on autoclave process. Improper use or failure to adhere to the instructions for use may result in variations of color and mechanical properties. This product is suitable for the manufacturing of partial and full-arch surgical guides. 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.

The Argen Corporation

8515 Miralani Drive, San Diego CA 92126
argen.com | customercare@argen.com | (800) 255-5524

ARGEN®

BD-18942-Ver1-05/22