

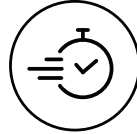
ARGEN[®]MODEL

TECHNICAL DATA SHEET

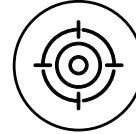
Indications for Use: Argen[®]MODEL is a 3D printing resin designed to create dental and orthodontic models. Argen[®]MODEL has been designed to reproduce smooth, flawless details with increased printing speed and has an integrated thermoforming release agent which makes it ideal for orthodontic model

CHARACTERISTICS

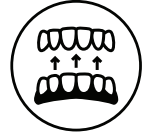
Colour	Beige, Light Grey
Density	1.0-1.1 g/cm ³
Viscosity	600-800 cP



**Ultra-Fast
Technology**



**Flawless
Surface Detail**



**Thermoforming
Release Agent**

PROPERTY	PROCEDURE	RESULT
Maximum Tensile Strength	ASTM D638	>50 MPa
Tensile Modulus	ASTM D638	>1700 MPa
Elongation at Break	ASTM D638	5%
Maximum Flexural Strength	ASTM D790	>70 MPa
Flexural Modulus	ASTM D790	>1940 MPa
Viscosity @ 25C (cP)	ASTM D7867	500-600

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 dental models. Argen reserves the right to change material characteristics, and formulation without prior notification.

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

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



BD-18940-Ver1-05/22