



DENTAL APPLICATIONS
MOVINGLight® Technology
Liquid Resin 3D Printers

PRODWAYS
MACHINES

PLASTCURE Absolute Aligner

A revolutionary **new material**
for the industrial production of
clear aligner models



**OUTSTANDING
ACCURACY &
CLARITY**



**OPTIMIZED FOR
SCANNING**

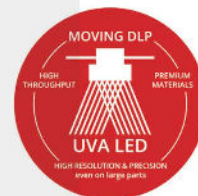


**ADVANCED
FORMULATION WITH
NO SEDIMENTATION**



**ULTRA SMOOTH
SURFACE FINISH**

www.prodways.com



HOLLOW MODEL

Plastcure Absolute Aligner resin is designed for precise 3D printing of hollow models producing lightweight, durable models with outstanding detail and accuracy, while significantly reducing material usage and waste, ensuring more efficient and cost-effective printing.

A PORTFOLIO OF PREMIUM MATERIALS

The instant on/off function of LED lamps allows to cure rapidly and continuously, optimizing production without the need for preheating

















INNOVATION AND EXPERTISE

Prodways is constantly innovating to develop new materials with unique mechanical, physical, and aesthetic properties, supported by internal R&D teams at Prodways Materials as well as strategic partners.

Our experts also support customer research and innovation for the development of new materials to push MOVINGLight® 3D printing technology into new territories.



PLASTCure Absolute Aligner Key Features

SPECIFICATIONS	
	Appearance Blue
	Compatible application Aligner models
	Compatible machines Dental Pro 100 & 200
	Applicable layer thickness [50 - 175] μm
	Viscosity 350 - 450 mPas at 28°C
	Density 1.08 g/cm ³
	Flexural Modulus [1900 - 2100] MPa
	Flexural Strength [80 - 90] MPa
	Strain at Break [6 - 9]%
	Hardness [80 - 85] Shore D
	Tensile Modulus [2200 - 2500] MPa
	Tensile Strength [46 - 50] MPa
	Elongation at Break [4 - 6]%
	Water Absorption [1.3 - 1.5]%
	HDT [66 - 70] °C at 0.46 MPa
	Recommended post-processing equipments Spinner Aligner Cleaning station / PCU90 with Nitrogen or IPA cleaning solutions with PCU90 / Dymax UVCS V3.0

* Please note that this data is contingent upon factors including but not limited to part geometry, build style, and material. Variations in these elements may affect outcomes

** All technical characteristics, specifications, and data provided in this document are non-binding and subject to individual use cases and environmental conditions. Performance and results may vary based on these factors