



M-PRINT

NEXT LEVEL 3D PRINTING



READY 2 PRINT

DIGITAL SOLUTIONS

M-PRINT 3D Liquids



Made in Germany



READY 2 PRINT



- ✓ **Free of fillers**
for high precision and accuracy of fit
- ✓ **Free of color pigments**
for sedimentation stability
- ✓ **Homogeneous formulation**
for high stability and fracture toughness
- ✓ **No deposit during the entire production time**
No shaking necessary before use!

FIND YOUR MATCH



Updated overview available at:

www.merz-dental.de/en/digital-solutions/3d-printing/services/printer-compatibility

MMA

FREE

BPA

FREE

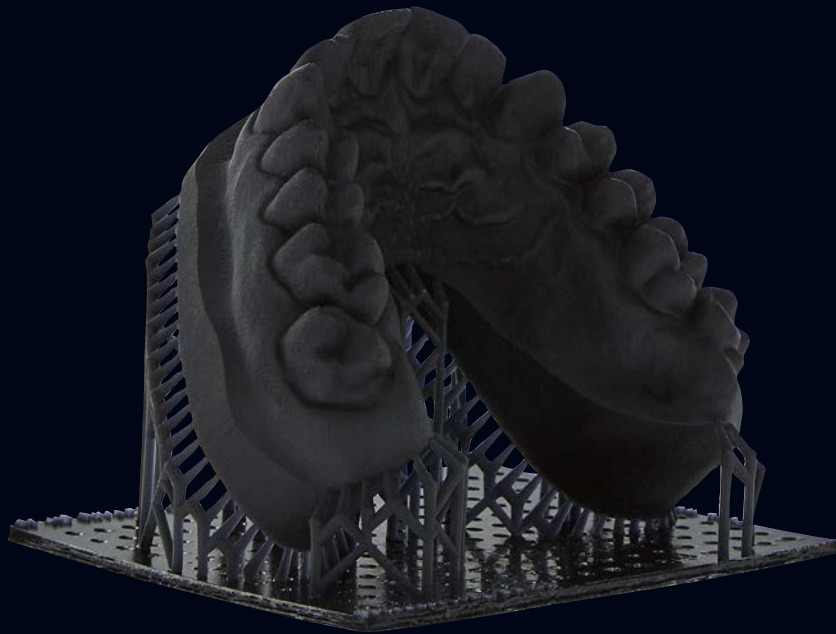
THF-MA

FREE



M-PRINT Model 2.0

Opaque, light- and moisture-stable,
light-curing 3D printing resin



M-PRINT Model 2.0

Production of models

- Models
- Model stumps
- Models for the thermoforming technique
- Very precise, true-to-detail master, stump and / or functional models with finest and smooth surface structure

DLP / LCD 385 nm - 405 nm

Content 500 g / 1000 g

Color

deep-black	500 g	REF 1084023
	1000 g	REF 1084024

FEATURES and BENEFITS

- Very dimensionally stable, precisely grindable
- High construction precision - for an excellent fit of model stumps
- High efficiency - thanks to the low-viscosity setting of the resin for lower material consumption and short post-processing
- Elegant appearance - suitable for display and delivery models
- Highest thermal stability*
- High strength and edge stability
- Brilliant image sharpness
- Now also optimized for LCD printers



Without
fillers &
pigments

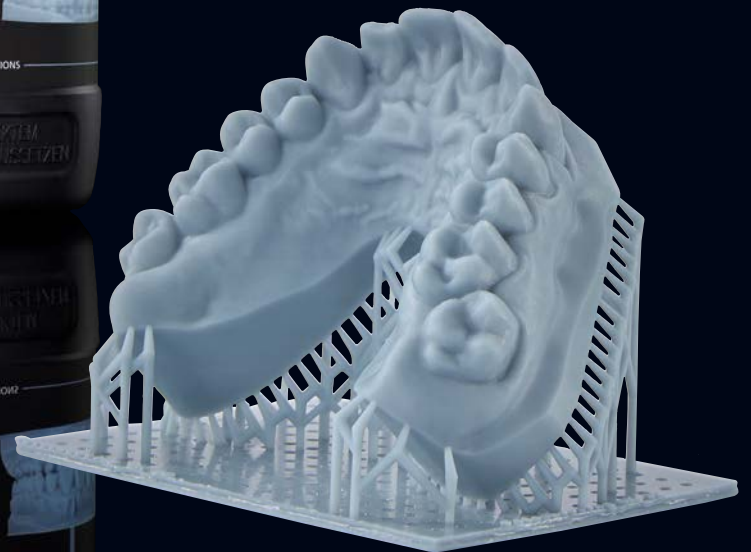
High
Precision

TPO
FREE

* Comparison of all M-PRINT Model-variants

M-PRINT Model 2.0

Opaque, light- and moisture-stable,
light-curing 3D printing resin



M-PRINT Model 2.0

Production of models

- Models
- Model stumps
- Models for the thermoforming technique
- Very precise, true-to-detail master, stump and / or functional models with finest and smooth surface structure

DLP / LCD 385 nm - 405 nm

Content 1000 g

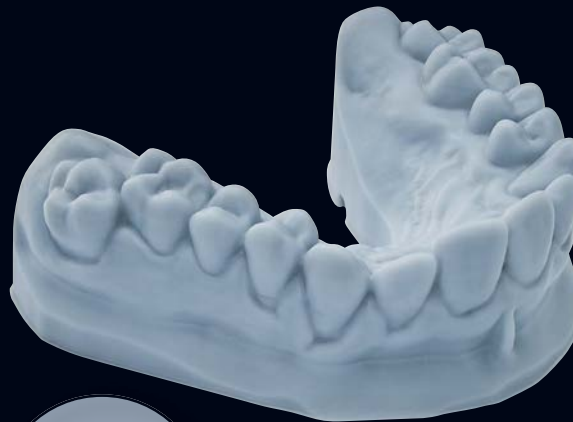
Colors

desert REF 1084021

shark-gray REF 1084022

FEATURES and BENEFITS

- Very dimensionally stable, precisely grindable preparation lines optimally visible through opacity
- High construction precision - for an excellent fit of model stumps
- Thermal stability
- High efficiency - thanks to the low-viscosity setting of the resin for lower material consumption and short post-processing
- High strength and edge stability
- Brilliant image sharpness
- Now also optimized for LCD printers



Without
fillers &
pigments

High
Precision

TPO
FREE

M-PRINT Model

Opaque, light- and moisture-stable,
light-curing 3D printing resin



M-PRINT Model

Production of models

- Models
- Model stumps
- Models for splints and functional models
- Very precise, true-to-detail master, stump and / or functional models with finest and smooth surface structure

DLP / LCD 385 nm / 405 nm

Content 1000 g

Colors

ash-gray	REF 1084017
taupe-gray	REF 1084018
sand	REF 1084020

Without
fillers &
pigments

High
Precision

FEATURES and BENEFITS

- Very dimensionally stable, precisely grindable preparation lines optimally visible through opacity
- High construction precision - for an excellent fit of model stumps
- High efficiency - thanks to the low-viscosity setting of the resin for lower material consumption and short post-processing

3D MODEL ISOLATION

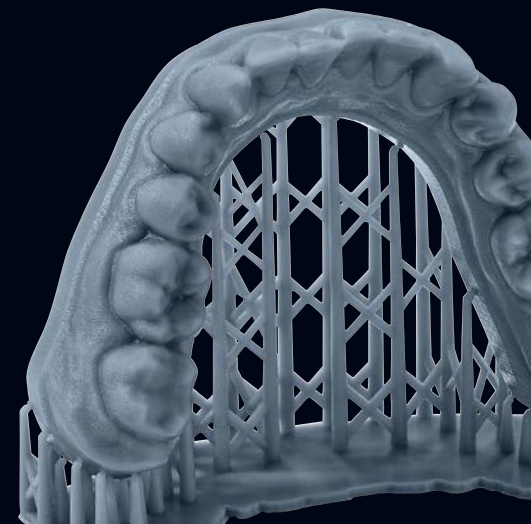
M-PRINT Model ISO

Color

blue REF 1084117



Further information



M-PRINT Tray

Light-curing, bio-compatible 3D printing resin for the production



M-PRINT Tray

Individual impression trays

- Individual functional trays and impression trays
- Bite registrations

DLP 385 nm / 405 nm

Content 1000 g

Colors

aqua REF 1084035

hot-pink REF 1084036

FEATURES and BENEFITS

- Biocompatibility tested according to EN ISO 10993-1
- High dimensional stability and warp resistance for exact, distortion-free impressions
- Odorless and tasteless
- Retention holes can be planned in advance in the CAD modeling
- Effective, as it is optimised for high printing speeds and high layer thicknesses of up to 150 µm



Medical
Device Class
I

Layer
thicknesses
up to 150 µm



M-PRINT TryIn

Light-curing, bio-compatible 3D printing resin



M-PRINT TryIn

Try-ins and interim prostheses

- Try-ins and interim prostheses with max. 30 days wearing time for removable full and partial dentures

DLP / LCD 385 nm / 405 nm

Content 500 g / 1000 g

Colors

ivory (A2/A3)	500 g	REF 1084045
	1000 g	REF 1084046
gum	500 g	REF 1084047
	1000 g	REF 1084048

FEATURES and BENEFITS

- Biocompatibility tested according to EN ISO 10993-1
- For realistic assessment of fit, phonetics and aesthetics prior to final construction
- Free from fillers and pigments
- Sedimentation-free
- Fluorescent (ivory)
- Suitable for checking bite registration and occlusion functionality
- Available in the colors ivory and gum for monochrome try-ins or aesthetic bicolor
- Odorless and tasteless
- High precision - for excellent fit of denture base and arch



Medical
Device Class
I

Matched to the
production of
digital dentures with
the Baltic
Denture System

TPO
FREE



M-PRINT Surgical guide HT

Light-curing acrylate-based premium resin



M-PRINT Surgical guide HT

Sterilisable drilling templates

Especially tailored for sterilisable surgical drilling templates for exact contouring in the area of drill sleeves

- Drilling templates for the surgically precise and controlled insertion of dental implants

DLP 385 nm

Content 1000 g

Colors

spring-green REF 1084041

Medical
Device Class
I

Without
fillers &
pigments

FEATURES and BENEFITS

- Biocompatibility tested according to EN ISO 10993-1
- Dimensionally stable, for the exact positioning and fixation of the drill sleeves, for surgically precise and controlled insertion
- Very good precision and a perfect fit for the respective bone and soft tissue conditions
- Warp resistant, for the surgically precise and safe insertion of dental implants
- Color ice blue for visual control in the work area
- High rigidity, low deformation due to a very high modulus of elasticity
- Easily polishable
- Mucous membrane friendly
- Steam sterilisable up to 273.2 °F (134 °C)



M-PRINT Splint

Light-curing premium acrylate-based resin



M-PRINT Splint

Occlusal splints and bite splints

- Occlusal splints and bite splints of any kind

DLP 385 nm

Content 1000 g

Color

clear REF 1084050

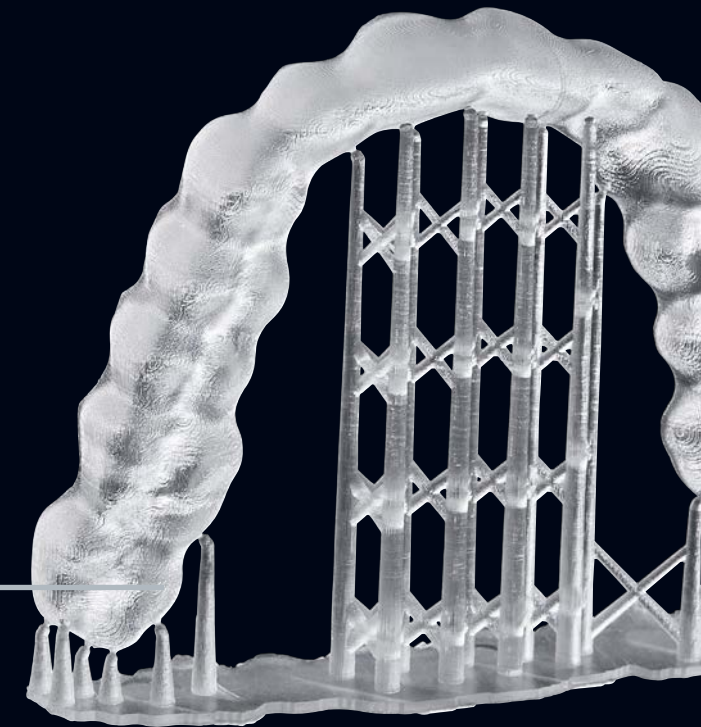
FEATURES and BENEFITS

- Biocompatibility tested according to EN ISO 10993-1
- Neutral taste and excellent wearing comfort for high patient satisfaction
- High precision for a perfect fit
- Color stable, permanently clear
- Dimensionally stable
- Easily polishable

CE 0482

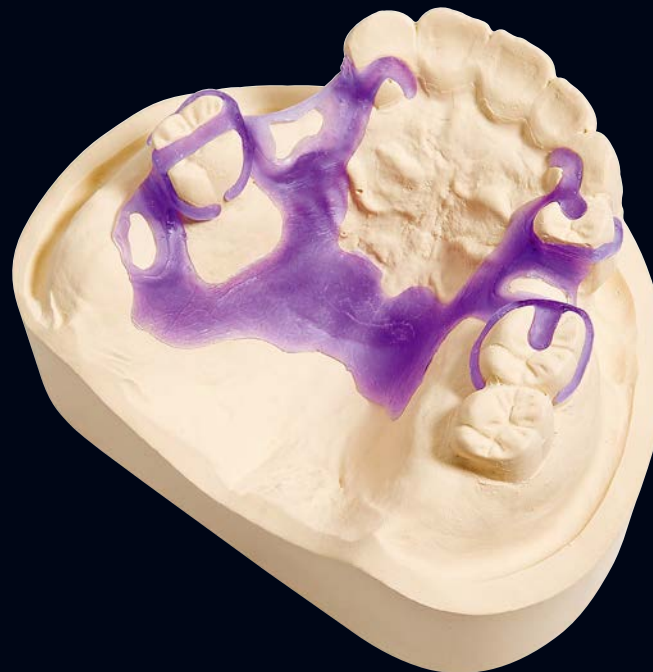
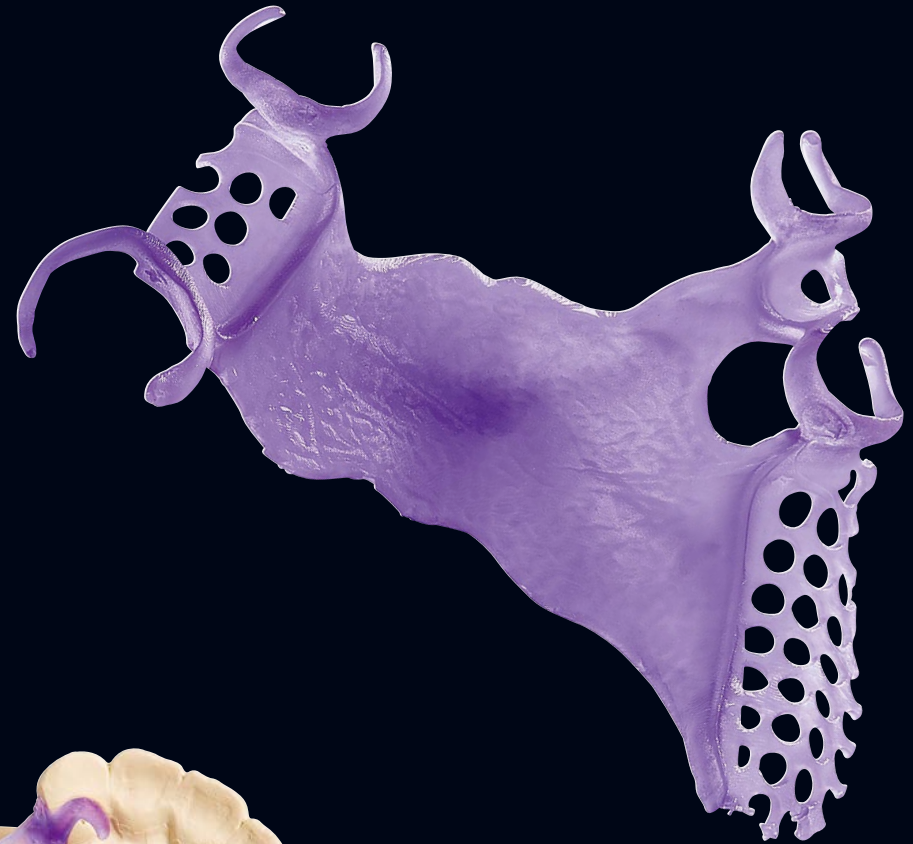
Medical
Device Class
II a

Unlimited
wearing time



M-PRINT Cast

Burn-out, light-curing acrylate-based premium resin



M-PRINT Cast

Cast objects

- Cast objects of all kinds
- Applicable in the conventional as well as in the speed casting process for press ceramics e.g. veneers, inlays or onlays

DLP 385 nm

Content 1000 g

Color

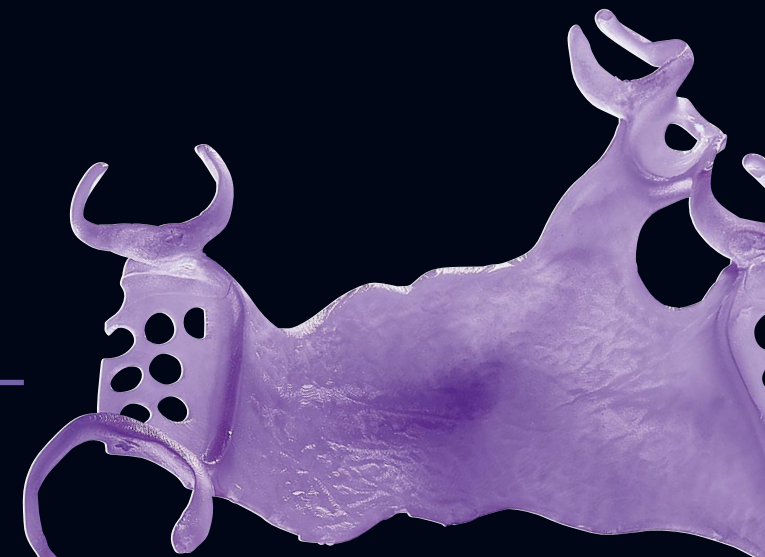
purple REF 1084010

FEATURES and BENEFITS

- Burns-out without residue (< 0.1 %), even with large volume parts
- Warp-free, even with large-volume (voluminous) objects
- Matched to phosphate-bonded investment materials
- High strength, shape and edge stability, best drawing accuracy for filigree structures
- The finest structures thanks to layer thicknesses of up to 25 µm - precise reproduction with the finest

Finest
structures

Burns-out



M-PRINT Proto

Light-curing acrylate-based premium resin



M-PRINT Proto

Rapid-Prototyping

- 3D printed objects of all kinds

DLP 385 nm

Content 1000 g

Colors

clear REF 1084025

cobalt-blue REF 1084026

Without
fillers &
pigments

FEATURES and BENEFITS

- Printing from 25 μm to 100 μm layer thickness
- High shape and edge stability for best results of filigree structures and objects
- High dimensional stability and warp resistance for precise, warp-free objects
- Maximum surface hardness for mechanical stress without changes in shape



M-PRINT Physical properties

M-PRINT	Areas of application	MDC*	Color	Viscosity	Flexural strength	Module of elasticity	Glass transition	Vickers hardness	Wave-length	Layer thickness
 Model 2.0	- Models - Model stumps - Models for the thermoforming technique and functional models	–	• deep black • shark-gray • desert	1250 ± 150 mPa·s 1250 ± 150 mPa·s	128 ± 5 MPa 90 ± 5 MPa	3200 ± 200 MPa 2150 ± 150 MPa	–	–	385 nm - 405 nm	25 µm 50 µm 100 µm
 Model	- Models - Model stumps - Models for splints and functional models	–	• ash-gray • taupe-gray • sand	950 ± 100 mPa·s	68 ± 2 MPa	1600 ± 100 MPa	–	–	385 nm / 405 nm	25 µm 50 µm 100 µm
 Tray	- Individual functional trays and impression trays - Bite registrations	I	• aqua • hot-pink	900 ± 100 mPa·s	116 ± 10 MPa	2900 ± 300 MPa	91 °C	–	385 nm / 405 nm	50 µm 100 µm 150 µm
 TryIn	Try-Ins and interim prostheses (maximum wear period: 30 days)	I	• ivory • gum	1200 ± 150 mPa·s	81 ± 5 MPa	1450 ± 100 MPa	–	–	385 nm / 405 nm	50 µm 100 µm

*Medical Device Class

M-PRINT	Areas of application	MDC*	Color	Viscosity	Flexural strength	Module of elasticity	Glass transition	Vickers hardness	Wave-length	Layer thickness
 Surgical guide HT	Sterilisable drilling templates	I	spring-green	650 ± 100 mPa·s	130 ± 5 MPa	3150 ± 130 MPa	–	–	385 nm	25 µm 50 µm 100 µm
 Splint	Occlusal / bite splints	IIa	clear	825 ± 100 mPa·s	70 ± 6 MPa	1800 ± 200 MPa	93 °C	20 ± 1 HV0,2	385 nm	25 µm 50 µm 100 µm
 Cast	Cast objects of all kinds	–	purple	1000 ± 200 mPa·s	104 ± 3 MPa	2900 ± 200 MPa	86 °C	–	385 nm	25 µm 50 µm 100 µm
 Proto	3D printed objects of all kinds	–	- clear - cobalt-blue	920 ± 100 mPa·s	108 ± 4 MPa	3000 ± 100 MPa	93 °C	20 ± 1 HV0,2	385 nm	25 µm 50 µm 100 µm

* Medical Device Class



Touch the past - Create the future



www.merz-dental.de

Merz Dental GmbH · Kieferweg 1 · 24321 Lütjenburg, Germany · Tel +49 (0) 4381 / 403-0 · Fax +49 (0) 4381 / 403-403

1092448/2026-07

Merz Dental is certified according to MDR and EN ISO 13485 and thereby offering the safety and advantages of a future-oriented quality management system.
The illustrations may differ from the original product in terms of color reproduction. Printing errors reserved.