

Materials Library

Functional materials that look the part

Prepared 03 . 21 . 2023



Dental model resins

HEX RESIN

Hex Resin for printing a high detailed dental models

Our fastest material Hex Resin made by Mogassam, prints 1-2 times faster than other dental models Resins, making it suitable for printing large, bulky parts quickly.

Printing conditions» shake it will, preferred to be at 25-30 C°



P1

Dental model resins

Shining model (DM12)

Shining model for printing dental models

shining resins is one of the best resins in the market for sure and their model is one of the best and it worth trying for variues conditions like its stringht and ofcures it>s unique color.

Printing conditions» shake it will, preferred to be at 25-30 C°



P2

Dental temporary resins

NextDent MFH (C&B)

NextDent MFH for printing a high quality long Temporary C&B
NextDent C&B Micro Filled Hybrid is a biocompatible Class IIa material developed for crowns and bridges. The balance between inorganic fillers and the resin gives the material its strength.

The material is easy to finish and polish, and can be stained with all types of composite staining kits. Due to the perfect balance between opacity and translucency the printed crown blends in perfectly between the existing teeth. Available in colors BL, N1, N1.5, N2, N2.5, and N3.

Printing conditions» Must warm the bottle with the resin inside before using it by putting the bottle on a hot water and then shake it well. Must be at 25-28C° while printing.



P3

Dental temporary resins

Power temp resin

Temp resin is a CE certified Class IIa biocompatible resin

Temp resin is a resin for patient's in-mouth use as temporary teeth. It is easily processed and cleanable material that is compatible with natural dental aesthetics. This resin is Light which is perfect to use as A1, B1 shades.

Exceptional breakage and high wear resistance for daily usage

Almost as durable as PMMA in Inlay, Onlay and Crown-Bridge applications

This resin has low viscosity and easy to clean

It is perfectly compatible with syringe composites

Printing conditions» Must warm the bottle with the resin inside before using it by putting the bottle on a hot water and then shake it well. Must be at 25-28C° while printing.



P4

Dental temporary resins

ProShape Temporary

Proshape is one the nice resin for temporary in the market
With 3 weeks to a month in the Patient Proshabe temporary is a Biocompatible
Resin For Patient's In-Mouth Use As Temporary Teeth. It Is Easily Processed
And Cleanable Material That Is Compatible With Natural Dental Aesthetics. This
Resins Is Light Which Is Perfect To Use As A1 , A2 Or A3 Shades.
Printing conditions» shake it will, preferred to be at 25-30 C°



P5

Dental surgical guide resins

NextDent SG Clear

NextDent SG is a biocompatible Class I material developed for the printing of Surgical Guides for implant surgery use. Because of the high precision of this material it is easy to insert drill sleeves, directly after printing. Enabling even greater precision during surgery. The properties of NextDent SG will not change by using disinfectants.

In addition, the material can also be sterilized using standard autoclave protocols. The use of an autoclave does not affect the dimensional stability, therefore NextDent SG can be used in every operating theatre. Available in color Translucent Orange.

Printing conditions» Must warm the bottle with the resin inside before using it by putting the bottle on a hot water and then shake it well. Must be at 25-28C^o while printing.



P6

Dental surgical guide resins

ProShape SG

Proshape is a Biocompatible for surgical guides

Transparent,biocompatible material, Developed for high precision implant guided surgeries.

Printing conditions» shake it will, preferred to be at 25-30 C°



P7

Dental casting resins

ProShape Burn

Proshape burn wax green dental casting resin

Burn is a 100% ash-free resin that is formulated for perfect quality in dental direct casting and fast burnout.

Printing conditions» shake it will, preferred to be at 25-30 C°



P8

Dental casting resins

RasDent castable red

Rasdent is a nice resin for cating

Burn is ash-free resin that is formulated for perfect quality in dental direct casting and fast burnout.

Printing conditions» shake it will, preferred to be at 25-30 C°



P8

Gingiva resins

Shining Gingiva mask (GM11)

Shining 3D Gingiva Mask resin is a flexible material that can be used in combination with the model material. This makes it possible to 3D print parts of the dental model that need a certain flexibility, such as Gingiva Masks on implant models.

Printing conditions» Must warm the bottle with the resin inside before using it by putting the bottle on a hot water and then shake it well. Preferred be at 25-28C⁰ while printing.



P10

Gingiva resins

Shining Gingiva mask (GM11)

PowerResins Opaque is a special 100% ash-free castable resin that is formulated for DLP 3d printers in order to get perfect printing and direct casting quality in jewelry manufacturing. It has an opaque colour and provides perfect detail and surface quality in printing and casting.

Perfect surface and print quality for DLP 3d printers

100% ash-free burnout for direct casting of jewelry. You may easily cast 21k, 18k, 14k gold or silver

Can be used for any type of jewelry including engraving, smooth surface, high details or filigree jewelry.

No need for post-curing: Only wash with ethyl alcohol and dry with air then it is ready for casting.

Use of standard burnout cycle, no need for special treatment

Not smelly or dangerous for health

Suitable for 365nm / 385nm and 405nm wavelength 3D printers



P10