



Enlighten Materials

Dental resins for 3D printing



New AA TEMP 3D printing resin for provisional restoration

Our 3D printing temporary material, AA TEMP, has high strength, high surface hardness and low shrinkage. Its mechanical properties are better than the conventional PMMA materials. Also, it doesn't contain any plasticizer like the conventional temporary materials. AA TEMP has 4 colors. It can hugely reduced the chair-time of dentists and working time of dental technicians. It can be used for DLP, SLA and LCD 3D printers, such as MiiCraft, Form 2 and Phrozen 3D printer. Currently, we are working on its FDA submission for class II medical devices.



New BB BASE 3D printing resin for denture base

Our 3D printing denture base material, BB BASE, has high strength, high surface hardness and low shrinkage. Its mechanical properties are better than the conventional PMMA materials. Also, it doesn't contain any plasticizer like the conventional temporary materials. BB BASE has 3 colors. It can hugely reduced the working time of dental technicians to fabricate dentures. It can be used for DLP, SLA and LCD 3D printers, such as MiiCraft, Form 2 and Phrozen 3D printer. Currently, we are working on its FDA submission for class II medical devices.





CC TRAY 3D printing resin for custom tray

Our 3D printing CC TRAY material has high strength, high surface hardness, high surface gloss and low shrinkage. Its mechanical properties are better than the conventional PMMA materials. Also, it doesn't contain any plasticizer like the conventional tray materials. CC TRAY was approved by TFDA, and can be used for DLP, SLA and LCD 3D printers, such as MiiCraft, Form 2 and Phrozen 3D printer.



DD GUIDE dental surgical guide (3D printing resin)

Our surgical guide material: DD guide, has high flexural strength, low shrinkage and excellent cytocompatibility. It was approved by TFDA and CE-registered, and can be used for DLP, SLA and LCD 3D printers, such as MiiCraft, Form 2 and Phrozen 3D printer. It has been used by the universities, medical centers and dental clinics.





3D printing resin for dental models

Our 3D printing dental model material has high strength, high surface hardness, high surface gloss and low shrinkage. It be used for DLP, SLA and LCD printers, such as MiiCraft, Form 2 and Phrozen 3D printer. We are very proud of the pale purple model resin. It is not only very accurate, but it also did not precipitate over time. Thank to the color, dentists and dental technicians can see the margin of a crown very clearly.



About us

Enlighten Materials is a spin-off company from the Department of Dentistry, National Yang-Ming University, Taiwan. It was founded in 2017. Our people, including chemical engineer, dental technicians, dentists and university professors, are experts in 3D printing. Our goal is to provide world-class 3D printing materials, and lower the barriers for dentists and other industry to enter the 3D printing world.

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