

PRODUCT DESCRIPTION

iForm 184 Dental Model Water Washable resin

Yousu Dental Model Water Washable LCD resin is a photosensitive resin designed for high-precision dental model production. This material can be printed at high speed with high precision.

It's special formulation makes it water washable, which means no more hassle dealing with ethanol or IPA.

| ATTRIBUTES | | |
|--------------------------------------|---|-------------|
| Resin model | Dental Model Water Washable resin for LCD | |
| Grade | iForm184 | |
| Color | skin, yellow | |
| Viscosity(25℃) | 135cps | |
| Wavelength | 405nm | |
| MECHANICAL PROPERTIES | | |
| Tensile strength | 43-47MPa | ASTM D638 |
| Elongation at break | 14-17% | ASTM D638 |
| Notched impact strength | 34J/m | ASTM D256 |
| Heat deflection temperature(0.45MPa) | >80 ℃ | ASTM D648 |
| Hardness | 85-89D | ASTM D2240 |
| PRINTING INFORMATION | | |
| | Color Screen | Mono Screen |
| Normal exposure time | 8s | 2s |
| Bottom exposure time | 60s | 20s |
| Bottom layer | 6 | 6 |
| Layer thickness | 0.05mm | |

POST-PROCESSING STEP

1. Once the dental model is completed, model need to rinse in water and dry normally.
2. Post-curing is required for this resin to reach its high surface hardness and scratch resistance.

Any technical information provided and recommendations made herein are intended to assist customers in determining whether our products are suitable for your applications. We request that you must test our products before use and accepted at your own risk. Neither Yousu nor its affiliates shall be responsible for the use of this information, or of any product, method or apparatus mentioned, and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and for the health and safety of your employees and purchasers of your products. We do not guarantee results, freedom from patent infringement, or suitability of resultant products for any suggested application with respect to the use of any formula or material described herein.