

# **Yourcera Offers a Wide Range of Resins**

customized colors available

**Package weight : 1000g**

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|                              |                                   |
|------------------------------|-----------------------------------|
| Viscosity                    | 350 cps (@25°C)                   |
| Density                      | 1.05~1.1g/cm <sup>3</sup> (@25°C) |
| Hardness                     | D75                               |
| Flexural modulus             | 3100 MPa                          |
| Flexural strength            | 111 MPa                           |
| Tensile modulus              | 2800 MPa                          |
| Tensile strength             | 63 MPa                            |
| Elongation at break          | 4.5                               |
| Impact strength notched Izod | 32 J/m                            |
| Heat deflection temperature  | 46 °C                             |
| Net weight                   | 500g/1000g                        |
| Package size                 | 190×100×100mm/290×110×110mm       |

## Surgical Guide Resin

**Application: Dental implant surgical guides and medical applications.**

**Package weight : 1000g**



Low shrinkage



bio-compatibility



high transparency



high flexibility



cost-effective



high adaptability



smooth printed surface



good fluidity



high accuracy

## PN-SG



- +
- +
- +
- +
- +

### Features

- + High transparency: enable dentists effectively and accurately grasp the surgical site.
- + High toughness: assembly, drilling, not easy to brittle crack.



|                              |                                   |
|------------------------------|-----------------------------------|
| Viscosity                    | 650 cps (@25°C)                   |
| Density                      | 1.05~1.1g/cm <sup>3</sup> (@25°C) |
| Hardness                     | D90                               |
| Flexural modulus             | 1200 MPa                          |
| Flexural strength            | 72 MPa                            |
| Tensile modulus              | 539 MPa                           |
| Tensile strength             | 52 MPa                            |
| Elongation at break          | 11                                |
| Impact strength notched Izod | 81 J/m                            |
| Heat deflection temperature  | 87 °C                             |
| Net weight                   | 500g/1000g                        |
| Package size                 | 190×100×100mm/290×110×110mm       |

# Temporary Restoration Resin

**Application: Temporary crowns/stealth models, trial models in several dental and medical applications.**

**Package weight : 1000g**



Low skin irritation



low skin hypersensitivity



low shrinkage rate



temperature resistance



strong hardness



cost-effective



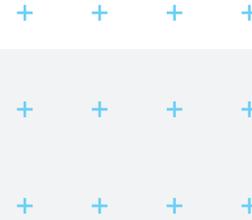
surface scratch resistance



short curing time



high precision



## PN-Temp

### Features

Low shrinkage rate: Can accurately print out the tooth mold size, with high model reduction degree.  
Temperature resistance: Can withstand temperatures of 100°C.





|                              |                                   |
|------------------------------|-----------------------------------|
| Viscosity                    | 100 cps (@25°C)                   |
| Density                      | 1.05~1.1g/cm <sup>3</sup> (@25°C) |
| Hardness                     | D82                               |
| Flexural modulus             | 1823 MPa                          |
| Flexural strength            | 52 MPa                            |
| Tensile modulus              | 649 MPa                           |
| Tensile strength             | 38 MPa                            |
| Elongation at break          | 6                                 |
| Impact strength notched Izod | 86 J/m                            |
| Heat deflection temperature  | 82 °C                             |
| Net weight                   | 500g/1000g                        |
| Package size                 | 190×100×100mm/290×110×110mm       |

## Dental Casting Resin

**Application: castable dental crown & bridge, skeleton and others dental and medical casting applications.**

**Package weight : 1000g**



No ash residue



low shrinkage



high hardness



cost-effective



smooth surface



Good liquidity



high precision

## PN-CAST



### Features

**Strong hardness:** The casting resin can be worn before casting.  
**No ash residue:** At high temperature, the ash residue is less than 0.5%, therefore make the casting more complete.





|                              |                                   |
|------------------------------|-----------------------------------|
| Viscosity                    | 500 cps (@25°C)                   |
| Density                      | 1.05~1.1g/cm <sup>3</sup> (@25°C) |
| Hardness                     | D90                               |
| Flexural modulus             | 1480 MPa                          |
| Flexural strength            | 52 MPa                            |
| Tensile modulus              | 1000 MPa                          |
| Tensile strength             | 30 MPa                            |
| Elongation at break          | 3                                 |
| Impact strength notched Izod | 18 J/m                            |
| Heat deflection temperature  | 78 °C                             |
| Net weight                   | 500g/1000g                        |
| Package size                 | 190×100×100mm/290×110×110mm       |

## Ortho Model Resin

**Application: Invisible aligners, trial models, and others dental and medical applications.**

**Package weight : 1000g**



Low skin irritation



low skin hypersensitivity



low shrinkage rate



temperature resistance



strong hardness



cost-effective



surface scratch resistance



short curing time



high precision



## PN-Model

### Features

Low shrinkage rate: Can accurately print out the tooth mold size, with high model reduction degree.

Temperature resistance: Can withstand temperature changes during the dental mold manufacturing.





|                              |                                   |
|------------------------------|-----------------------------------|
| Viscosity                    | 350 cps (@25°C)                   |
| Density                      | 1.05~1.1g/cm <sup>3</sup> (@25°C) |
| Hardness                     | D86                               |
| Flexural modulus             | 1376 MPa                          |
| Flexural strength            | 87 MPa                            |
| Tensile modulus              | 720 MPa                           |
| Tensile strength             | 37 MPa                            |
| Elongation at break          | 6                                 |
| Impact strength notched Izod | 18 J/m                            |
| Heat deflection temperature  | 78 °C                             |
| Net weight                   | 500g/1000g                        |
| Package size                 | 190×100×100mm/290×110×110mm       |

# Ortho Model 2.0 Resin

**Application: Invisible aligners, trial models, and others dental and medical applications.**

**Package weight : 1000g**



Low shrinkage rate



temperature resistance



strong hardness



cost-effective



surface scratch resistance



short curing time



high precision



# PN-Model 2.0

## Features

Low shrinkage rate: Can accurately print out the tooth mold size, with high model reduction degree.

Cost effective :The most cost-effective dental model resin in the dental applications.



# PN-RD

|                              |                                   |
|------------------------------|-----------------------------------|
| Viscosity                    | 500 cps (@25°C)                   |
| Density                      | 1.05~1.1g/cm <sup>3</sup> (@25°C) |
| Hardness                     | D90                               |
| Flexural modulus             | 902 MPa                           |
| Flexural strength            | 66 MPa                            |
| Tensile modulus              | 505 MPa                           |
| Tensile strength             | 30 MPa                            |
| Elongation at break          | 8                                 |
| Impact strength notched Izod | 18 J/m                            |
| Heat deflection temperature  | 78 °C                             |
| Net weight                   | 500g/1000g                        |
| Package size                 | 190×100×100mm/290×110×110mm       |

## Removable Die Model Resin

**Application: removable die models, and others dental and medical applications.**

**Package weight : 1000g**



Low skin irritation



low skin hypersensitivity



low shrinkage rate



temperature resistance



strong hardness



cost-effective



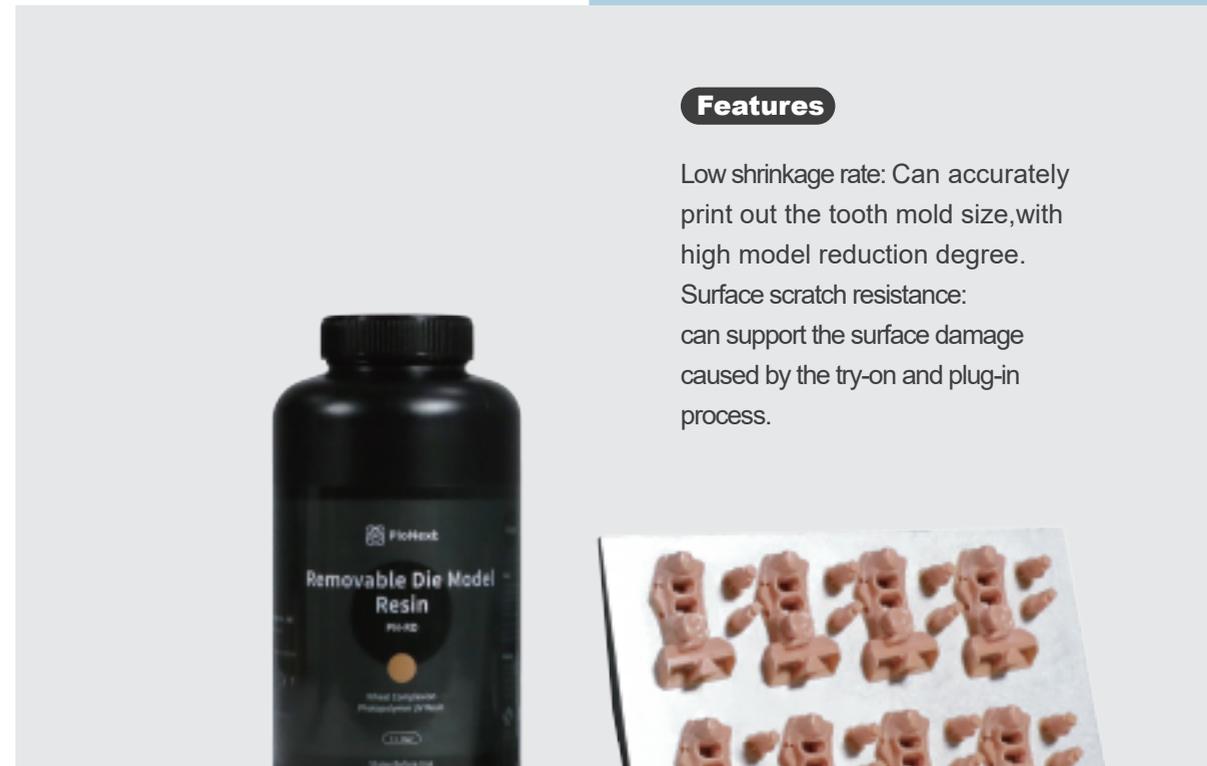
surface scratch resistance



short curing time



high precision



### Features

Low shrinkage rate: Can accurately print out the tooth mold size, with high model reduction degree.

Surface scratch resistance: can support the surface damage caused by the try-on and plug-in process.

