

Ceramic Crown Resin

Indicated for temporary and permanent single units (crowns, inlays, onlays, and veneers) and bridges, and denture teeth.

- Temperature Resistance
- Low Skin Irritation
- Low Skin Allergenic
- Low Shrinkage
- High Hardness
- Impact-resistant



Learn More

Color: **A1, A2, A3, BL1, B1, B2 White**
 Specification: **500/1000g**
 Compatible with **DLP/LCD**
 Applicable light source band: **385-405nm**



*1.CE MDR II in the process of certification; 2.Biology Test(ISO - 10993) in progress; 3.Quality Management System (ISO - 13485) in the process of certification

Resin Property (Post-cure)

Hardness	ASTM D 2240	93-95	Shore D
Flexural modulus	ASTM D 790	6000-7000	MPa
Flexural strength	ASTM D 790	110-140	MPa
Tensile modulus	ASTM D 638	1100-1500	MPa
Tensile strength	ASTM D 638	70-80	MPa
Elongation at break	ASTM D 638	5-8	%
Impact strength,notched Izod	ASTM D 256	25-45	J/m
Heat deflection temperature	ASTM D648 @66PSI	100-110	°C

Crown & Bridge Resin

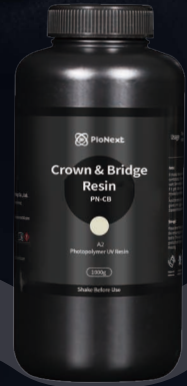
Suitable for products such as denture teeth, bridges, crowns, inlays, onlays, and veneers in dental laboratories.

- Temperature Resistance
- Low Skin Irritation
- Low Skin Allergenic
- Low Shrinkage
- High Hardness
- Impact-resistant



Learn More

Color: A1, A2, A3, BL1, B1, B2 White
 Specification: 500/1000g
 Compatible with DLP/LCD
 Applicable light source band: 385-405nm



*1.CE MDR II in the process of certification; 2.Quality Management System (ISO-13485) in the process of certification

Resin Property (Post-cure)

Hardness	ASTM D 2240	92-94	Shore D
Flexural modulus	ASTM D 790	2500-3500	MPa
Flexural strength	ASTM D 790	140-160	MPa
Tensile modulus	ASTM D 638	1100-1200	MPa
Tensile strength	ASTM D 638	80-90	MPa
Elongation at break	ASTM D 638	8-10	%
Impact strength,notched Izod	ASTM D 256	25-45	J/m
Heat deflection temperature	ASTM D648 @66PSI	100-110	°C

Gingiva Resin

Suitable for mass-produced products such as denture model, dental restoration for all kind dental and medical application.

- Low Skin Irritation
- Low Skin Allergenic
- Low Shrinkage



Learn More

Color: **Gingival red**
 Specification: **500/1000g**
 Compatible with **DLP/LCD**
 Applicable light source band: **385-405nm**



*1.Quality Management System (ISO - 13485) in the process of certification

Resin Property (Post-cure)

Hardness	ASTM D 2240	30-50	Shore A
Flexural modulus	ASTM D 790	/	MPa
Flexural strength	ASTM D 790	/	MPa
Tensile modulus	ASTM D 412	/	MPa
Tensile strength	ASTM D 412	8-15	MPa
Elongation at break	ASTM D 412	300-400	%
Tear strength	ASTM D 624	12-18	kN/m
Impact strength,notched Izod,	ASTM D 256	/	J/m
Heat deflection temperature	ASTM D648 @66PSI	/	°C

Surgical Guide Resin Pro

Suitable for Dental and Orthopedics surgery fixture and medical application.

- Low Skin Irritation
- Low Skin Allergenic
- Low Shrinkage
- High Transparency
- High Elongation
- High Impact Strength



Learn More

Color: **Transparent**
 Specification: **500/1000g**
 Compatible with **DLP/LCD**
 Applicable light source band: **385-405nm**



Resin Property (Post-cure)

Hardness	ASTM D 2240	75-80	Shore D
Flexural modulus	ASTM D 790	1000-1200	MPa
Flexural strength	ASTM D 790	>40	MPa
Tensile modulus	ASTM D 638	230-270	MPa
Tensile strength	ASTM D 638	>30	MPa
Elongation at break	ASTM D 638	110-140	%
Impact strength, notched Izod	ASTM D 256	240-300	J/m
Heat deflection temperature	ASTM D648 @66PSI	60-70	°C

Withstands high-temperature sterilisation at 135°C without cracking or deformation.

Flexible Denture Base Resin

Suitable for the fabrication of removable partial denture bases in dental laboratories.

- Low Skin Irritation
- Low Skin Allergenic
- Low Shrinkage
- High Elongation
- High Impact Strength



Learn More

Color: **Pink**
 Specification: **500/1000g**
 Compatible with **DLP/LCD**
 Applicable light source band: **385-405nm**



Resin Property (Post-cure)

Hardness	ASTM D 2240	90	Shore D
Flexural modulus	ASTM D 790	700	MPa
Flexural strength	ASTM D 790	35	MPa
Tensile modulus	ASTM D 638	250	MPa
Tensile strength	ASTM D 638	32	MPa
Elongation at break	ASTM D 638	80	%
Impact strength,notched Izod	ASTM D 256	180	J/m
Heat deflection temperature	ASTM D648 @66PSI	87	°C

Splint Rigid Resin

Suitable for retainer and medical application.

- Low Skin Irritation
- Low Skin Allergenic
- Low Shrinkage
- High Transparency
- High Elongation
- High Impact Strength



Learn More

Color: **Transparent**
 Specification: **500/1000g**
 Compatible with **DLP/LCD**
 Applicable light source band: **385-405nm**



*1:Quality Management System (ISO - 13485) in the process of certification

Resin Property (Post-cure)

Hardness	ASTM D 2240	78-82	Shore D
Flexural modulus	ASTM D 790	1400-1600	MPa
Flexural strength	ASTM D 790	>40	MPa
Tensile modulus	ASTM D 638	550-650	MPa
Tensile strength	ASTM D 638	> 30	MPa
Elongation at break	ASTM D 638	110~120	%
Impact strength,notched Izod	ASTM D 256	200-250	J/m
Heat deflection temperature	ASTM D648 @66PSI	65	°C

Withstands high-temperature sterilisation at 135°C without cracking or deformation.

Splint Flex Resin

Suitable for night guard and medical application.

- Low Skin Irritation
- Low Skin Allergenic
- Low Shrinkage
- High Transparency
- High Elongation
- High Impact Strength



Learn More

Color: **Transparent**
 Specification: **500/1000g**
 Compatible with **DLP/LCD**
 Applicable light source band: **385-405nm**



*1.Quality Management System (ISO - 13485) in the process of certification

Resin Property (Post-cure)

Hardness	ASTM D 2240	75-80	Shore D
Flexural modulus	ASTM D 790	1000-1200	MPa
Flexural strength	ASTM D 790	30~40	MPa
Tensile modulus	ASTM D 638	300-400	MPa
Tensile strength	ASTM D 638	25-30	MPa
Elongation at break	ASTM D 638	120-150	%
Impact strength,notched Izod	ASTM D 256	180-250	J/m
Heat deflection temperature	ASTM D648 @66PSI	60-70	°C

Withstands high-temperature sterilisation at 135°C without cracking or deformation.

Clear Aligner Resin

Suitable for the fabrication of invisible braces.

- Low Skin Irritation
- Low Skin Allergenic
- Low Shrinkage
- High Transparency
- High Elongation
- High Impact Strength



Learn More

Color: **Clear**
 Specification: **500/1000g**
 Compatible with **DLP/LCD**
 Applicable light source band: **385-405nm**



Resin Property (Post-cure)

Hardness	ASTM D 2240	78-82	Shore D
Flexural modulus	ASTM D 790	1200-1400	MPa
Flexural strength	ASTM D 790	>40	MPa
Tensile modulus	ASTM D 638	550-650	MPa
Tensile strength	ASTM D 638	>30	MPa
Elongation at break	ASTM D 638	100~120	%
Impact strength,notched Izod	ASTM D 256	200-250	J/m
Heat deflection temperature	ASTM D648 @66PSI	65	°C

Ortho Model Resin

Suitable for the fabrication of orthodontic models, working models for thermoforming technique and aligner technology.

- Low Skin Irritation
- Low Skin Allergenic
- Low Shrinkage
- Temperature Resistance
- High Hardness



Learn More

Color: **Yellow**
 Specification: **500/1000g**
 Compatible with **DLP/LCD**
 Applicable light source band: **385-405nm**



*1:Quality Management System (ISO - 13485) in the process of certification

Resin Property (Post-cure)

Hardness	ASTM D 2240	85-90	Shore D
Flexural modulus	ASTM D 790	1400-1800	MPa
Flexural strength	ASTM D 790	70-90	MPa
Tensile modulus	ASTM D 638	600-1000	MPa
Tensile strength	ASTM D 638	40-60	MPa
Elongation at break	ASTM D 638	10-15	%
Impact strength,notched Izod	ASTM D 256	40-50	J/m
Heat deflection temperature	ASTM D648 @66PSI	75-85	°C

Ortho Model 2.0 Resin

Suitable for the fabrication of orthodontic models, working models for thermoforming technique and aligner technology.

- Low Skin Irritation
- Low Skin Allergenic
- Low Shrinkage
- Temperature Resistance
- High Hardness



Learn More

Color: **Yellowish Brown**
 Specification: **500/1000g**
 Compatible with **DLP/LCD**
 Applicable light source band: **385-405nm**



*1.Quality Management System (ISO - 13485) in the process of certification

Resin Property (Post-cure)

Hardness	ASTM D 2240	85-90	Shore D
Flexural modulus	ASTM D 790	1200-1600	MPa
Flexural strength	ASTM D 790	80-95	MPa
Tensile modulus	ASTM D 638	600-1000	MPa
Tensile strength	ASTM D 638	40-50	MPa
Elongation at break	ASTM D 638	10-15	%
Impact strength,notched Izod	ASTM D 256	35-45	J/m
Heat deflection temperature	ASTM D648 @66PSI	75-85	°C

Surgical Guide Resin

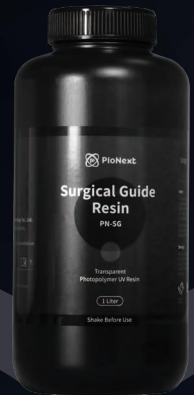
Suitable for Dental implant surgery fixture and medical application.

- Low Skin Irritation
- Low Skin Allergenic
- Low Shrinkage
- High Transparency
- High Flexibility



Learn More

Color: **Transparent**
 Specification: **500/1000g**
 Compatible with **DLP/LCD**
 Applicable light source band: **385-405nm**



*1 Quality Management System (ISO - 13485) in the process of certification

Resin Property (Post-cure)

Hardness	ASTM D 2240	75-85	Shore D
Flexural modulus	ASTM D 790	2500-3500	MPa
Flexural strength	ASTM D 790	100-120	MPa
Tensile modulus	ASTM D 638	2500-3000	MPa
Tensile strength	ASTM D 638	40-60	MPa
Elongation at break	ASTM D 638	10-15	%
Impact strength, notched Izod	ASTM D 256	30-50	J/m
Heat deflection temperature	ASTM D648 @66PSI	60-70	°C

Dental Casting Resin

Suitable for mass-produced products such as casting dental crown, denture bracket for all kind dental and medical casting application.

- Low Ash Residue
- Low shrinkage
- High hardness



Learn More

Color: **Cherry Red**
 Specification: **500/1000g**
 Compatible with **DLP/LCD**
 Applicable light source band: **385-405nm**



*1.Quality Management System (ISO - 13485) in the process of certification

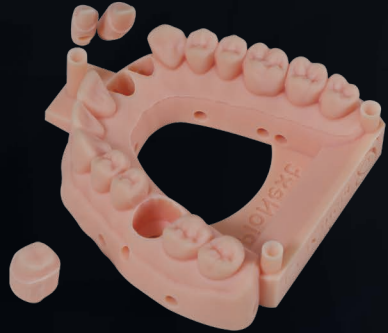
Resin Property (Post-cure)

Hardness	ASTM D 2240	80-85	Shore D
Flexural modulus	ASTM D 790	1500-2000	MPa
Flexural strength	ASTM D 790	45-65	MPa
Tensile modulus	ASTM D 638	600-1000	MPa
Tensile strength	ASTM D 638	35-55	MPa
Elongation at break	ASTM D 638	10-15	%
Impact strength,notched Izod	ASTM D 256	60-80	J/m
Heat deflection temperature	ASTM D648 @66PSI	70-80	°C
Bakeout temperature	/	850 (1.5 h)	°C

Removable Die Model Resin

Suitable for the fabrication of dental working and situation models, control models and orthodontic models.

- Low skin irritation
- Low skin allergenic
- Low shrinkage
- Temperature resistance
- High hardness physical properties



Learn More

Color: **Wheat Complexion**
 Specification: **500/1000g**
 Compatible with **DLP/LCD**
 Applicable light source band: **385-405nm**



*1.Quality Management System (ISO - 13485) in the process of certification

Resin Property (Post-cure)

Hardness	ASTM D 2240	85-90	Shore D
Flexural modulus	ASTM D 790	1500-2000	MPa
Flexural strength	ASTM D 790	60-80	MPa
Tensile modulus	ASTM D 638	600-1200	MPa
Tensile strength	ASTM D 638	35-60	MPa
Elongation at break	ASTM D 638	10-15	%
Impact strength,notched Izod	ASTM D 256	35-50	J/m
Heat deflection temperature	ASTM D648 @66PSI	75-85	°C

Temporary Restoration Resin

Suitable for mass-produced products such as temporary crown, bridge, dental restoration for all kind dental and medical application.

- Low Skin Irritation
- Low Skin Allergenic
- Low Shrinkage
- Temperature Resistance
- High Hardness Physical Properties



Learn More

Color: A1, A2, A3, BL1, B1, B2 White
 Specification: 500/1000g
 Compatible with DLP/LCD
 Applicable light source band: 385-405nm



ISO - 10993
 ISO - 13485¹

¹Quality Management System (ISO - 13485) in the process of certification

Resin Property (Post-cure)

Hardness	ASTM D 2240	85-90	Shore D
Flexural modulus	ASTM D 790	2000-3000	MPa
Flexural strength	ASTM D 790	100-140	MPa
Tensile modulus	ASTM D 638	1100-1500	MPa
Tensile strength	ASTM D 638	65-85	MPa
Elongation at break	ASTM D 638	10-15	%
Impact strength,notched Izod	ASTM D 256	75-85	J/m
Heat deflection temperature	ASTM D648 @66PSI	80-90	°C
Water absorption	ASTM D570	<1.5	%

Denture Base Resin

Suitable for the fabrication of removable denture bases in dental laboratories.

- Low Skin Irritation
- Low Skin Allergenic
- Low Shrinkage
- Temperature Resistance
- High Hardness Physical Properties



Learn More

Color: **Red**
 Specification: **500/1000g**
 Compatible with **DLP/LCD**
 Applicable light source band: **385-405nm**



*1:Quality Management System (ISO 13485) in the process of certification

Resin Property (Post-cure)

Hardness	ASTM D 2240	85-90	Shore D
Flexural modulus	ASTM D 790	3000-4000	MPa
Flexural strength	ASTM D 790	130-150	MPa
Tensile modulus	ASTM D 638	1500-2000	MPa
Tensile strength	ASTM D 638	80-100	MPa
Elongation at break	ASTM D 638	25-30	%
Impact strength,notched Izod	ASTM D 256	17	J/m
Heat deflection temperature	ASTM D648 @66PSI	85-90	°C
Water absorption	ASTM D570	<1.0	%

Try-in Resin

Suitable for mass-produced products such as denture model, try-in model for all kind dental and medical application.

- Low Skin Irritation
- Low Skin Allergenic
- Low Shrinkage
- Temperature Resistance
- High Hardness Physical Properties



Learn More

Color: **A2**
 Specification: **500/1000g**
 Compatible with **DLP/LCD**
 Applicable light source band: **385-405nm**



*1.Quality Management System (ISO - 13485) in the process of certification

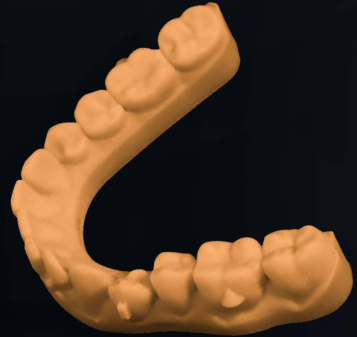
Resin Property (Post-cure)

Hardness	ASTM D 2240	85-90	Shore D
Flexural modulus	ASTM D 790	1800-2500	MPa
Flexural strength	ASTM D 790	80-100	MPa
Tensile modulus	ASTM D 638	600-900	MPa
Tensile strength	ASTM D 638	55-65	MPa
Elongation at break	ASTM D 638	12-16	%
Impact strength,notched Izod	ASTM D 256	40-50	J/m
Heat deflection temperature	ASTM D648 @66PSI	85-90	°C
Water absorption	ASTM D570	<1.5	%

Water Washable Dental Resin

Suitable for dental restoration, invisible correction thermoforming and other applications.

- Washable
- Low Skin Irritation
- Low Skin Allergenic
- Low Shrinkage
- Temperature Resistance
- High Hardness



Learn More

Color: **Dark wheat skin**
 Specification: **500/1000g**
 Compatible with **DLP/LCD**
 Applicable light source band: **385-405nm**



*1.Quality Management System (ISO - 13485) in the process of certification

Resin Property (Post-cure)

Hardness	ASTM D 2240	85-90	Shore D
Flexural modulus	ASTM D 790	1000-1500	MPa
Flexural strength	ASTM D 790	60-75	MPa
Tensile modulus	ASTM D 638	600-1000	MPa
Tensile strength	ASTM D 638	40-55	MPa
Elongation at break	ASTM D 638	10-15	%
Impact strength,notched Izod	ASTM D 256	35-45	J/m
Heat deflection temperature	ASTM D648 @66PSI	75-80	°C