

Material Technical Data Sheet (Resin)

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Handling Notice

Resin Materials

- Always wear gloves when handling uncured resin. If skin contact with resin occurs, flush with plenty of water and use soap if available for several minutes. If skin reactions occur, it could require medical treatment immediately.
- Store the product in a cool, dry, and well-ventilated place and avoid direct sun light.
- Do not expose this light-sensitive material to direct light source when opening the bottle.
- Resin in tank should be filtered before reuse.
- Wasted resin can be exposed under the sunlight/UV light until it solidified for disposal as plastic waste.

We recommend following OSHA Personal Protective Equipment guideline and selecting protective equipment. Read more: Occupational Safety and Health Administration, <https://www.osha.gov/>

Chemical Information

All thermal energy reactions of materials can really depend on the properties like its glass transition temperature, melting point, and environmental conditions (e.g., print bed temperature, nozzle temperature, printer model, and cooling fans control) causing it to melt or solidify.

The information provided in this sheet is based on certain testing conditions that should help users to make an independent determination of the usage and wastage of the materials in a safe manner.



Resin Materials

- The HDT of resins is a temperature range under certain testing conditions measured by ASTM D648.
- This does not explain for the resin that there is no chemical change or energy absorption below the temperature of HDT. It explains when a resin deforms under a specified load, due to a phase change.
- The thermal energy reaction is considered as an irreversible process, which means that the materials cannot be converted back to liquid for reuse.

Document History

| Date | Description | Version |
|------------|---|---------|
| 2020-09-21 | Initial Draft | 20.09.A |
| 2020-11-02 | <ol style="list-style-type: none">1. Separate the Material Technical Data Sheet into three individual sections (Powder, Resin, Filament)2. Material Technical Data Sheet (Resin) add the following new items<ol style="list-style-type: none">A. ProBlueHSB. ProFlexC. ProFormD. ProHighTemp+E. Surgical Guide | 20.11.A |
| 2020-11-03 | <ol style="list-style-type: none">1. Add items: Resin model, Layer Height, Clean Settings, Post-curing Settings, Shipping temperature.2. Modify compatible printer, operating temperature | 20.11.B |



EeezCast Resin

The EeezCast resin has the properties of less ash residual, high resolution, and low shrinkage rate that can achieve a high casting yield, making it ideal for use in lost-wax casting of intricate jewelry design.

| IDENTIFICATION | | |
|---|--|--------------------|
| Material Name | EeezCast Resin | |
| Resin Model | F1 | |
| Application | Casting for jewelry and metal parts | |
| For use with | <input checked="" type="checkbox"/> CastPro100 xP <input checked="" type="checkbox"/> PartPro100 xP <input type="checkbox"/> PartPro120 xP <input type="checkbox"/> PartPro150 xP | |
| Layer Height | <input type="checkbox"/> 200 <input type="checkbox"/> 100 <input checked="" type="checkbox"/> 50 <input checked="" type="checkbox"/> 25 micron | |
| SPECIFICATIONS | | |
| Color | Yellow | |
| Package Available | 1kg (2 x 500g bottle per package) | |
| Viscosity @25°C | 150-300 | |
| Specific gravity @25°C | 1.0-1.2 g/cm ³ | |
| MECHANICAL PROPERTIES | TEST METHOD | |
| Hardness (Scale D) | ASTM D2240 | Shore D 65±10 |
| Tensile Strength (MPa) | ASTM D638 | -- |
| Tensile Modulus (MPa) | ASTM D638 | -- |
| Elongation | ASTM D638 | -- |
| Flexural Strength (MPa) | ASTM D790 | -- |
| Flexural Modulus (MPa) | ASTM D790 | -- |
| Notched Izod Impact (J/m) | ASTM D256 | -- |
| HDT (°C @0.45MPa) | ASTM D648 | -- |
| OTHERS | | |
| Clean Settings | Clean liquid | 75% or 95% alcohol |
| | Limit Clean (soaking) time | <10 mins |
| Post-curing Settings (Depend on Post-curing machine) | EeezeCure180: preset 2 | ▲ 5 mins |
| | MultiCure180: preset 4 (Active Light fully on, Power Level 100%) | ▲ 5 mins |
| | ▲ Put the object into the water-filled transparent cup | |
| Storage temperature | 10 - 32 °C (50 - 90 °F). | |
| Shipping temperature | < 60°C | |
| Operating temperature | ◆ Refer to printer operating temperature | |



EeezCast+ Resin

The wax-like EeezCast+ resin delivers prints with intricate details and smooth surfaces. It leaves no ash or residue behind after burnout and produces extremely accurate casting results. EeezCast+ is the go-to resin material for jewelry and other investment castings. Meanwhile, EeezCast+ Resin owns vividness color and good shrinkage rate. For those who enjoy producing casting object, EeezCast+ Resin should be another good choice.

| IDENTIFICATION | | |
|---|---|--------------------------|
| Material Name | EeezCast+ Resin | |
| Resin Model | F2 | |
| Application | Casting for jewelry and metal parts | |
| For use with | <input checked="" type="checkbox"/> CastPro100 xP <input checked="" type="checkbox"/> PartPro100 xP <input checked="" type="checkbox"/> PartPro120 xP <input type="checkbox"/> PartPro150 xP | |
| Layer Height | <input type="checkbox"/> 200 <input type="checkbox"/> 100 <input checked="" type="checkbox"/> 50 <input checked="" type="checkbox"/> 25 micron | |
| SPECIFICATIONS | | |
| Color | Brown | |
| Package Available | 1kg (2 x 500g bottle per package) | |
| Viscosity @25°C | 200-360 | |
| Specific gravity @25°C | 1.1-1.3 g/cm ³ | |
| MECHANICAL PROPERTIES | TEST METHOD | |
| Hardness (Scale D) | ASTM D2240 | Shore D 65±10 |
| Tensile Strength (MPa) | ASTM D638 | -- |
| Tensile Modulus (MPa) | ASTM D638 | -- |
| Elongation | ASTM D638 | -- |
| Flexural Strength (MPa) | ASTM D790 | -- |
| Flexural Modulus (MPa) | ASTM D790 | -- |
| Notched Izod Impact (J/m) | ASTM D256 | -- |
| HDT (°C @0.45MPa) | ASTM D648 | -- |
| OTHERS | | |
| Clean Settings | Clean liquid | Eta Cohol or 95% alcohol |
| | Limit Clean (soaking) time | <5 mins or <1min |
| Post-curing Settings (Depend on Post-curing machine) | EeezeCure180: preset 2 | ▲ 30 mins |
| | MultiCure180: preset 4 (Active Light fully on, Power Level 100%) | ▲ 30 mins |
| | ▲ Put the object into the water-filled transparent cup | |
| Storage temperature | 10 - 32 °C (50 - 90 °F). | |
| Shipping temperature | < 60°C | |
| Operating temperature | ◆ Refer to printer operating temperature | |



EeezMold Resin

The EeezMold resin has the properties of high hardness, high resolution, and high temperature resistance, making it ideal for use in printing master models for producing rubber molds.

| IDENTIFICATION | | |
|---|--|--------------------|
| Material Name | EeezMold | |
| Resin Model | K1 | |
| Application | Heat resistant and rubber mold for jewelry | |
| For use with | <input checked="" type="checkbox"/> CastPro100 xP <input checked="" type="checkbox"/> PartPro100 xP <input type="checkbox"/> PartPro120 xP <input type="checkbox"/> PartPro150 xP | |
| Layer Height | <input type="checkbox"/> 200 <input type="checkbox"/> 100 <input checked="" type="checkbox"/> 50 <input checked="" type="checkbox"/> 25 micron | |
| SPECIFICATIONS | | |
| Color | Dark green | |
| Package Available | 1kg (2 x 500g bottle per package) | |
| Viscosity @25°C | 880-980 | |
| Specific gravity @25°C | 1.13-1.18 g/cm ³ | |
| MECHANICAL PROPERTIES | TEST METHOD | |
| Hardness (Scale D) | ASTM D2240 | Shore D 80±10 |
| Tensile Strength (MPa) | ASTM D638 | 30-35 |
| Tensile Modulus (MPa) | ASTM D638 | 1100-1400 |
| Elongation | ASTM D638 | 0.5-5.5% |
| Flexural Strength (MPa) | ASTM D790 | 80~90 |
| Flexural Modulus (MPa) | ASTM D790 | 1900~2500 |
| Notched Izod Impact (J/m) | ASTM D256 | 15-20 |
| HDT (°C @0.45MPa) | ASTM D648 | 110-150 |
| OTHERS | | |
| Clean Settings | Clean liquid | 75% or 95% alcohol |
| | Limit Clean (soaking) time | < 10 mins |
| Post-curing Settings (Depend on Post-curing machine) | EeezeCure180: preset 2 | ≥ 20 mins |
| | MultiCure180: preset 4 (Active Light fully on, Power Level 100%) | ≥ 10 mins |
| Storage temperature | 10 - 32 °C (50 - 90 °F). | |
| Shipping temperature | < 60°C | |
| Operating temperature | ◆ Refer to printer operating temperature | |



ProAccure Resin

The ProAccure resin has the properties of good hardness, resolution, and formability, making it ideal for use in making functional prototypes that require high accuracy and stiffness.

| IDENTIFICATION | | |
|---|---|--------------------|
| Material Name | ProAccure | |
| Resin Model | D3 | |
| Application | High stiff and strong, functional prototypes | |
| For use with | <input checked="" type="checkbox"/> CastPro100 xP <input checked="" type="checkbox"/> PartPro100 xP <input checked="" type="checkbox"/> PartPro120 xP <input type="checkbox"/> PartPro150 xP | |
| Layer Height | <input type="checkbox"/> 200 <input checked="" type="checkbox"/> 100 <input checked="" type="checkbox"/> 50 <input checked="" type="checkbox"/> 25 micron | |
| SPECIFICATIONS | | |
| Color | Orange | |
| Package Available | 1kg (2 x 500g bottle per package) | |
| Viscosity @25°C | 450-750 | |
| Specific gravity @25°C | 1.11-1.15 g/cm ³ | |
| MECHANICAL PROPERTIES | TEST METHOD | |
| Hardness (Scale D) | ASTM D2240 | Shore D 80±10 |
| Tensile Strength (MPa) | ASTM D638 | 35-45 |
| Tensile Modulus (MPa) | ASTM D638 | 1400-1700 |
| Elongation | ASTM D638 | 3-7% |
| Flexural Strength (MPa) | ASTM D790 | 60-70 |
| Flexural Modulus (MPa) | ASTM D790 | 1500-1800 |
| Notched Izod Impact (J/m) | ASTM D256 | 25-30 |
| HDT (°C @0.45MPa) | ASTM D648 | -- |
| OTHERS | | |
| Clean Settings | Clean liquid | 75% or 95% alcohol |
| | Limit Clean (soaking) time | < 10 mins |
| Post-curing Settings (Depend on Post-curing machine) | EeezeCure180: preset 2 | ≥ 10 mins |
| | MultiCure180: preset 4 (Active Light fully on, Power Level 100%) | ≥ 7 mins |
| Storage temperature | 10 - 32 °C (50 - 90 °F). | |
| Shipping temperature | < 60°C | |
| Operating temperature | ◆ Refer to printer operating temperature | |



ProUtility Resin

The ProUtility resin has the properties of good hardness, resolution, and formability, making it ideal for use in making general purpose prototyping and visual models.

| IDENTIFICATION | | |
|---|---|--------------------|
| Material Name | ProUtility | |
| Resin Model | E2 | |
| Application | Hobby model Prototyping | |
| For use with | <input checked="" type="checkbox"/> CastPro100 xP <input checked="" type="checkbox"/> PartPro100 xP <input checked="" type="checkbox"/> PartPro120 xP <input type="checkbox"/> PartPro150 xP | |
| Layer Height | <input type="checkbox"/> 200 <input checked="" type="checkbox"/> 100 <input checked="" type="checkbox"/> 50 <input checked="" type="checkbox"/> 25 micron | |
| SPECIFICATIONS | | |
| Color | Grey | |
| Package Available | 1kg (2 x 500g bottle per package) | |
| Viscosity @25°C | 450-750 | |
| Specific gravity @25°C | 1.0-1.2 g/cm ³ | |
| MECHANICAL PROPERTIES | TEST METHOD | |
| Hardness (Scale D) | ASTM D2240 | Shore D 80±10 |
| Tensile Strength (MPa) | ASTM D638 | 25-40 |
| Tensile Modulus (MPa) | ASTM D638 | 700-1100 |
| Elongation | ASTM D638 | 3-7% |
| Flexural Strength (MPa) | ASTM D790 | 55-65 |
| Flexural Modulus (MPa) | ASTM D790 | 1400-1700 |
| Notched Izod Impact (J/m) | ASTM D256 | 25-35 |
| HDT (°C @0.45MPa) | ASTM D648 | -- |
| OTHERS | | |
| Clean Settings | Clean liquid | 75% or 95% alcohol |
| | Limit Clean (soaking) time | < 10 mins |
| Post-curing Settings (Depend on Post-curing machine) | EeezeCure180: preset 2 | ≥ 10 mins |
| | MultiCure180: preset 4 (Active Light fully on, Power Level 100%) | ≥ 5 mins |
| Storage temperature | 10 - 32 °C (50 - 90 °F). | |
| Shipping temperature | < 60°C | |
| Operating temperature | ◆ Refer to printer operating temperature | |



ProHighTemp Resin

The ProHighTemp resin has the properties of high hardness, resolution, and temperature resistance, making it ideal for use in printing master models for producing rubber molds.

| IDENTIFICATION | | |
|---|---|--------------------|
| Material Name | EeezMold | |
| Resin Model | K1 | |
| Application | Heat resistant and rubber mold for jewelry | |
| For use with | <input checked="" type="checkbox"/> CastPro100 xP <input checked="" type="checkbox"/> PartPro100 xP <input checked="" type="checkbox"/> PartPro120 xP <input type="checkbox"/> PartPro150 xP | |
| Layer Height | <input type="checkbox"/> 200 <input type="checkbox"/> 100 <input checked="" type="checkbox"/> 50 <input checked="" type="checkbox"/> 25 micron | |
| SPECIFICATIONS | | |
| Color | Dark green | |
| Package Available | 1kg (2 x 500g bottle per package) | |
| Viscosity @25°C | 880-980 | |
| Specific gravity @25°C | 1.13-1.18 g/cm ³ | |
| MECHANICAL PROPERTIES | TEST METHOD | |
| Hardness (Scale D) | ASTM D2240 | Shore D 80±10 |
| Tensile Strength (MPa) | ASTM D638 | 30-35 |
| Tensile Modulus (MPa) | ASTM D638 | 1100-1400 |
| Elongation | ASTM D638 | 0.5-5.5% |
| Flexural Strength (MPa) | ASTM D790 | 80-90 |
| Flexural Modulus (MPa) | ASTM D790 | 1900-2500 |
| Notched Izod Impact (J/m) | ASTM D256 | 15-20 |
| HDT (°C @0.45MPa) | ASTM D648 | 110-150 |
| OTHERS | | |
| Clean Settings | Clean liquid | 75% or 95% alcohol |
| | Limit Clean (soaking) time | < 10 mins |
| Post-curing Settings (Depend on Post-curing machine) | EeezeCure180: preset 2 | ≥ 20 mins |
| | MultiCure180: preset 4 (Active Light fully on, Power Level 100%) | ≥ 10 mins |
| Storage temperature | 10 - 32 °C (50 - 90 °F). | |
| Shipping temperature | < 60°C | |
| Operating temperature | ◆ Refer to printer operating temperature | |



ProBasic Resin

The resin provides a wide range of applications and moderate rigidity, making it suitable for general design outputs and engineering design prototyping. There are a variety of colors can satisfy the different needs of applications.

| IDENTIFICATION | | |
|---|---|--------------------|
| Product Name | ProBasic | |
| Resin Model | A2 | |
| Application | Hobby model Prototyping | |
| For use with | <input type="checkbox"/> CastPro100 xP <input type="checkbox"/> PartPro100 xP <input type="checkbox"/> PartPro120 xP <input checked="" type="checkbox"/> PartPro150 xP | |
| Layer Height | <input checked="" type="checkbox"/> 200 <input checked="" type="checkbox"/> 100 <input checked="" type="checkbox"/> 50 <input type="checkbox"/> 25 micron | |
| SPECIFICATIONS (LIQUID MATERIAL) | | |
| Color | Clear, Black, White | |
| Package Available | 1kg (2 x 500g bottle per package) | |
| Viscosity @25°C | Clear ,White: 520±100 | |
| | Black : 480±100 | |
| Specific gravity @25°C | 1.1-1.2 g/cm ³ | |
| MECHANICAL PROPERTIES | | |
| Hardness (ASTMD2240) | Shore D 80±10 | |
| Tensile Strength (MPa) | 30 ~ 50 | |
| Young's Modulus (MPa) | Clear: 1300 ~ 1800 Black, White: 1100 ~ 1600 | |
| Elongation (%) | 2 ~ 6 | |
| Flexural Strength (MPa) | Clear: 60 ~ 80 Black, White: 50 ~ 70 | |
| Flexural Modulus (MPa) | Clear: 1700 ~ 2200 Black, White: 1500 ~ 2000 | |
| Notched Izod Impact (J/m) | 15 ~ 25 | |
| HDT (°C @0.45MPa) | -- | |
| OTHERS | | |
| Clean Settings | Clean liquid | 75% or 95% alcohol |
| | Limit Clean (soaking) time | < 10 mins |
| Post-curing Settings (Depend on Post-curing machine) | EeezeCure180: preset 2 (Power Level 100%) | 10 mins |
| | MultiCure180: preset 4 (Active Light fully on, Power Level 100%) | 7 mins |
| Storage temperature | 10~32°C (50 -90 °F) | |
| Shipping temperature | < 60°C | |
| Operating temperature | ◆ Refer to printer operating temperature | |



ProPreciseSL Resin

It is highly rigid and resists deformation, making it suitable for engineering prototypes with thin features.

| IDENTIFICATION | | |
|---|---|--------------------|
| Product Name | ProPreciseSL | |
| Resin Model | D5 | |
| Application | - Engineering prototypes with thin features. - High stiff functional prototypes | |
| For use with | <input type="checkbox"/> CastPro100 xP <input type="checkbox"/> PartPro100 xP <input type="checkbox"/> PartPro120 xP <input checked="" type="checkbox"/> PartPro150 xP | |
| Layer Height | <input checked="" type="checkbox"/> 200 <input checked="" type="checkbox"/> 100 <input type="checkbox"/> 50 <input type="checkbox"/> 25 micron | |
| SPECIFICATIONS (LIQUID MATERIAL) | | |
| Color | Clear | |
| Package Available | 1kg (2 x 500g bottle per package) | |
| Viscosity @25°C | 270±70 | |
| Specific gravity @25°C | 1.1-1.2 g/cm ³ | |
| MECHANICAL PROPERTIES | | |
| Hardness (ASTMD2240) | Shore D 80±10 | |
| Tensile Strength (MPa) | 50 ~ 70 | |
| Young's Modulus (MPa) | 1800 ~ 2300 | |
| Elongation (%) | 4 ~ 8 | |
| Flexural Strength (MPa) | 80 ~ 100 | |
| Flexural Modulus (MPa) | 2100 ~ 2600 | |
| Notched Izod Impact (J/m) | 20 ~ 30 | |
| HDT (°C @0.45MPa) | -- | |
| OTHERS | | |
| Clean Settings | Clean liquid | 75% or 95% alcohol |
| | Limit Clean (soaking) time | < 10 mins |
| Post-curing Settings (Depend on Post-curing machine) | EeezeCure180: preset 2 | 10 mins |
| | MultiCure180: preset 4 (Active Light fully on, Power Level 100%) | 7 mins |
| Storage temperature | 10~32°C (50 -90 °F) | |
| Shipping temperature | < 60°C | |
| Operating temperature | ◆ Refer to printer operating temperature | |



ProPoly Resin

The resin properties include high elongation and impact resistance, with durability features used in many applications. It is also particularly valuable for making living hinges. Its powerful features make it ideal for prototyping and assembly.

| IDENTIFICATION | | |
|---|---|--------------------|
| Product Name | ProPoly | |
| Resin Model | D6 | |
| Application | - High elongation prototypes, - High impact prototypes | |
| For use with | <input type="checkbox"/> CastPro100 xP <input type="checkbox"/> PartPro100 xP <input type="checkbox"/> PartPro120 xP <input checked="" type="checkbox"/> PartPro150 xP | |
| Layer Height | <input checked="" type="checkbox"/> 200 <input checked="" type="checkbox"/> 100 <input type="checkbox"/> 50 <input type="checkbox"/> 25 micron | |
| SPECIFICATIONS (LIQUID MATERIAL) | | |
| Color | Clear | |
| Package Available | 1kg (2 x 500g bottle per package) | |
| Viscosity @25°C | 1400 ± 400 | |
| Specific gravity @25°C | - | |
| MECHANICAL PROPERTIES | | |
| Hardness (ASTMD2240) | Shore D 75±10 | |
| Tensile Strength (MPa) | 25 ~ 40 | |
| Young's Modulus (MPa) | 1000 ~ 1500 | |
| Elongation (%) | 40 ~ 60 | |
| Flexural Strength (MPa) | 25 ~ 40 | |
| Flexural Modulus (MPa) | 600 ~ 1000 | |
| Notched Izod Impact (J/m) | 50 ~ 70 | |
| HDT (°C @0.45MPa) | -- | |
| OTHERS | | |
| Clean Settings | Clean liquid | 75% or 95% alcohol |
| | Limit Clean (soaking) time | < 10 mins |
| Post-curing Settings (Depend on Post-curing machine) | EeezeCure180: preset 2 | 30 mins |
| | MultiCure180: preset 4 (Active Light fully on, Power Level 100%) | 20 mins |
| Storage temperature | 10~32°C (50 -90 °F) | |
| Shipping temperature | < 60°C | |
| Operating temperature | ◆ Refer to printer operating temperature | |



ProTempSL Resin

The resin could resist in high temperature and suitable for molds. Heat deflection temperature (HDT) over 250 °C @ 0.45 Mpa. Precise prototypes with high temperature resistance.

| IDENTIFICATION | | |
|---|---|---------------------------------------|
| Product Name | ProTempSL | |
| Resin Model | K3 | |
| Application | - Heat resistant - Functional prototypes | |
| For use with | <input type="checkbox"/> CastPro100 xP <input type="checkbox"/> PartPro100 xP <input type="checkbox"/> PartPro120 xP <input checked="" type="checkbox"/> PartPro150 xP | |
| Layer Height | <input checked="" type="checkbox"/> 200 <input checked="" type="checkbox"/> 100 <input type="checkbox"/> 50 <input type="checkbox"/> 25 micron | |
| SPECIFICATIONS (LIQUID MATERIAL) | | |
| Color | Grey | |
| Package Available | 1kg (2 x 500g bottle per package) | |
| Viscosity @25°C | 1000 ± 200 | |
| Specific gravity @25°C | - | |
| MECHANICAL PROPERTIES | | |
| Hardness (ASTMD2240) | Shore D 85±10 | |
| Tensile Strength (MPa) | 50 ~ 70 | |
| Young's Modulus (MPa) | 2300 ~ 2800 | |
| Elongation (%) | 0.5 ~ 3 | |
| Flexural Strength (MPa) | 90 ~ 110 | |
| Flexural Modulus (MPa) | 2800 ~ 3300 | |
| Notched Izod Impact (J/m) | 10 ~ 20 | |
| HDT (°C @0.45MPa) | >250 | |
| OTHERS | | |
| Clean Settings | Clean liquid | 75% or 95% alcohol |
| | Limit Clean (soaking) time | < 10 mins |
| Post-curing Settings (Depend on Post-curing machine) | EeezeCure180: preset 2 | 20 minutes on each side of the object |
| | MultiCure180: preset 4 (Active Light fully on, Power Level 100%) | 20 minutes on each side of the object |
| Storage temperature | 10~32°C (50 -90 °F) | |
| Shipping temperature | < 60°C | |
| Operating temperature | ◆ Refer to printer operating temperature | |



ProBlueHS Resin

ProBlueHS is used with UFF tank, which can increase the printing speed up greatly. It features low viscosity (80~180cp) for operating and cleaning easiness.

| IDENTIFICATION | | |
|---|---|--------------------|
| Product Name | ProBlueHS | |
| Resin Model | M3 | |
| Application | High speed prototype | |
| For use with | <input type="checkbox"/> CastPro100 xP <input type="checkbox"/> PartPro100 xP <input checked="" type="checkbox"/> PartPro120 xP <input type="checkbox"/> PartPro150 xP | |
| Layer Height | <input type="checkbox"/> 200 <input checked="" type="checkbox"/> 100 <input type="checkbox"/> 50 <input type="checkbox"/> 25 micron | |
| SPECIFICATIONS (LIQUID MATERIAL) | | |
| Color | Blue | |
| Package Available | 1kg (2 x 500g bottle per package) | |
| Viscosity @25°C | 130±50 | |
| Specific gravity @25°C | 1.1~1.2 | |
| MECHANICAL PROPERTIES | | |
| Hardness (ASTMD2240) | Shore D 85±10 | |
| Tensile Strength (MPa) | 30 ~ 35 | |
| Young's Modulus (MPa) | 1700 ~ 2100 | |
| Elongation (%) | 1 ~ 2 | |
| Flexural Strength (MPa) | 20 ~ 25 | |
| Flexural Modulus (MPa) | 120 ~ 240 | |
| Notched Izod Impact (J/m) | 10 ~ 15 | |
| Heat deflection temperature (°C) | -- | |
| OTHERS | | |
| Clean Settings | Clean liquid | 75% or 95% alcohol |
| | Limit Clean (soaking) time | < 10 mins |
| Post-curing Settings (Depend on Post-curing machine) | EeezeCure180: preset 2 | 15 mins |
| | MultiCure180: preset 4 (Active Light fully on, Power Level 100%) | 15 mins |
| Storage temperature | 10 - 32°C (50 -90 °F) | |
| Shipping temperature | < 60°C | |
| Operating temperature | ◆ Refer to printer operating temperature | |



ProFlex Resin

The ProFlex is the featuring flexible parts that simulate the flexibility of rubber.

| IDENTIFICATION | | |
|---|---|--------------------|
| Product Name | ProFlex | |
| Resin Model | B2 | |
| Application | Cushioning and damping prototype, Handles and grips, soft model | |
| For use with | <input type="checkbox"/> CastPro100 xP <input type="checkbox"/> PartPro100 xP <input checked="" type="checkbox"/> PartPro120 xP <input type="checkbox"/> PartPro150 xP | |
| Layer Height | <input type="checkbox"/> 200 <input checked="" type="checkbox"/> 100 <input type="checkbox"/> 50 <input type="checkbox"/> 25 micron | |
| SPECIFICATIONS (LIQUID MATERIAL) | | |
| Color | Black | |
| Package Available | 1kg (2 x 500g bottle per package) | |
| Viscosity @25°C | 800±200 | |
| Specific gravity @25°C | 1.136 | |
| MECHANICAL PROPERTIES | | |
| Hardness (ASTMD2240) | Shore A 65±10 | |
| Tensile Strength (MPa) | 3 ~ 6 (Refer ISOISO20795) | |
| Young's Modulus (MPa) | 3 ~ 6 (Refer ISOISO20795) | |
| Elongation (%) | 60 ~ 90 (Refer ISOISO20795) | |
| Flexural Strength (MPa) | -- | |
| Flexural Modulus (MPa) | -- | |
| Notched Izod Impact (J/m) | -- | |
| Heat deflection temperature (°C) | -- | |
| OTHERS | | |
| Clean Settings | Clean liquid | 75% or 95% alcohol |
| | Limit Clean (soaking) time | < 10 mins |
| Post-curing Settings (Depend on Post-curing machine) | EeezeCure180: preset 2 | 10 mins |
| | MultiCure180: preset 4 (Active Light fully on, Power Level 100%) | 5 mins |
| Storage temperature | 10 - 32°C (50 -90 °F) | |
| Shipping temperature | < 60°C | |
| Operating temperature | ◆ Refer to printer operating temperature | |



ProForm Resin

ProForm resin provides a wide range of applications and moderate rigidity, making it suitable for general design outputs and engineering design prototyping.

| IDENTIFICATION | | |
|---|---|--------------------|
| Product Name | ProForm | |
| Resin Model | E3 | |
| Applications (Industries) | Hobby model prototyping | |
| For use with | <input type="checkbox"/> CastPro100 xP <input checked="" type="checkbox"/> PartPro100 xP <input type="checkbox"/> PartPro120 xP <input type="checkbox"/> PartPro150 xP | |
| Layer Height | <input type="checkbox"/> 200 <input checked="" type="checkbox"/> 100 <input checked="" type="checkbox"/> 50 <input checked="" type="checkbox"/> 25 micron | |
| SPECIFICATIONS (LIQUID MATERIAL) | | |
| Color | Black | |
| Package Available | 1kg (2 x 500g bottle per package) | |
| Viscosity @25°C | 1150±150 | |
| Specific gravity @25°C | 1.1~1.3 | |
| MECHANICAL PROPERTIES | | |
| Hardness (ASTMD2240) | Shore D 80±10 | |
| Tensile Strength (MPa) | 25 ~ 40 | |
| Young's Modulus (MPa) | 1300 ~ 1600 | |
| Elongation (%) | 3 ~ 7 | |
| Flexural Strength (MPa) | 50 ~ 70 | |
| Flexural Modulus (MPa) | 1800 ~ 2100 | |
| Notched Izod Impact (J/m) | 15 ~ 20 | |
| Heat deflection temperature (°C) | -- | |
| OTHERS | | |
| Clean Settings | Clean liquid | 75% or 95% alcohol |
| | Limit Clean (soaking) time | < 10 mins |
| Post-curing Settings (Depend on Post-curing machine) | EeezeCure180: preset 2 | 15 mins |
| | MultiCure180: preset 4 (Active Light fully on, Power Level 100%) | 10 mins |
| Storage temperature | 10 - 32°C (50 -90 °F) | |
| Shipping temperature | < 60°C | |
| Operating temperature | ◆ Refer to printer operating temperature | |



ProHighTemp+ Resin

ProHighTemp+ resin has excellent resistance and high-definition details. After being properly baked in the oven, the object can withstand a heat distortion temperature over 250 degrees.

| IDENTIFICATION | | |
|---|---|---------------------------------------|
| Product Name | ProHighTemp+ | |
| Resin Model | K2 | |
| Applications (Industries) | Jewelry rubber molds Precise prototypes with high temperature resistance | |
| For use with | <input type="checkbox"/> CastPro100 xP <input type="checkbox"/> PartPro100 xP <input checked="" type="checkbox"/> PartPro120 xP <input type="checkbox"/> PartPro150 xP | |
| Layer Height | <input type="checkbox"/> 200 <input type="checkbox"/> 100 <input checked="" type="checkbox"/> 50 <input checked="" type="checkbox"/> 25 micron | |
| SPECIFICATIONS (LIQUID MATERIAL) | | |
| Color | Sun Orange | |
| Package Available | 1kg (2 x 500g bottle per package) | |
| Viscosity @25°C | 900±150 | |
| Specific gravity @25°C | 1.1~1.2 | |
| MECHANICAL PROPERTIES | | |
| Hardness (ASTMD2240) | Shore D 85±10 | |
| Tensile Strength (MPa) | 20 ~ 40 | |
| Young's Modulus (MPa) | 1000 ~ 1300 | |
| Elongation (%) | 2 ~ 4 | |
| Flexural Strength (MPa) | 65 ~ 75 | |
| Flexural Modulus (MPa) | 1000 ~ 2000 | |
| Notched Izod Impact (J/m) | 15 ~ 20 | |
| Heat deflection temperature (°C) | >250 | |
| OTHERS | | |
| Clean Settings | Clean liquid | 75% or 95% alcohol |
| | Limit Clean (soaking) time | < 10 mins |
| Post-curing Settings (Depend on Post-curing machine) | EeezeCure180: preset 2 | 30 minutes on each side of the object |
| | MultiCure180: preset 4 (Active Light fully on, Power Level 100%) | 30 minutes on each side of the object |
| Storage temperature | 10 - 32°C (50 -90 °F) | |
| Shipping temperature | < 60°C | |
| Operating temperature | ◆ Refer to printer operating temperature | |



Surgical Guide Resin

The printing and processing parameters tailored specifically for the surgical guide ensure precise shaping in the area around the drill sleeve, thereby ensuring precise drilling and achieving the best fit accuracy when the patient is subsequently inserted into the mouth.

| IDENTIFICATION | | |
|---|---|--------------------|
| Product Name | Surgical Guide | |
| Resin Model | G3 | |
| Applications (Industries) | Surgical Guide | |
| For use with | <input type="checkbox"/> CastPro100 xP <input type="checkbox"/> PartPro100 xP <input checked="" type="checkbox"/> PartPro120 xP <input type="checkbox"/> PartPro150 xP | |
| Layer Height | <input type="checkbox"/> 200 <input checked="" type="checkbox"/> 100 <input checked="" type="checkbox"/> 50 <input checked="" type="checkbox"/> 25 micron | |
| SPECIFICATIONS (LIQUID MATERIAL) | | |
| Color | Aqua Green | |
| Package Available | 1kg (2 x 500g bottle per package) | |
| Viscosity @25°C | 250±50 | |
| Specific gravity @25°C | 1.1~1.2 | |
| MECHANICAL PROPERTIES | | |
| Hardness (ASTMD2240) | Shore D 80±10 | |
| Tensile Strength (MPa) | -- | |
| Young's Modulus (MPa) | -- | |
| Elongation (%) | -- | |
| Flexural Strength (MPa) | 95 ~ 105 (Refer ISO20795) | |
| Flexural Modulus (MPa) | 2200 ~ 2500 (Refer ISO20795) | |
| Notched Izod Impact (J/m) | -- | |
| Heat deflection temperature (°C) | -- | |
| OTHERS | | |
| Clean Settings | Clean liquid | 75% or 95% alcohol |
| | Limit Clean (soaking) time | < 10 mins |
| Post-curing Settings (Depend on Post-curing machine) | EezeCure180: preset 2 | 10 mins |
| | MultiCure180: preset 4 (Active Light fully on, Power Level 100%) | 10 mins |
| Storage temperature | 10 - 32°C (50 -90 °F) | |
| Shipping temperature | < 60°C | |
| Operating temperature | ◆ Refer to printer operating temperature | |

- ◆ CastPro100 xP, PartPro100 xP, PartPro120 xP: 20 - 30 °C (68 - 86 °F) / 40-60%RH
PartPro150 xP: 25 °C ±3 °C (77 °F ± 5.4 °F) / 60%RH

