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# IMPRIMO® LC Model Product Information

## Description:

IMPRIMO® LC Model is a light-curing resin based on methacrylate and specifically engineered for the fabrication of dental models; photo-polymerization is done by means of image projection systems ( $\leq 405$  nm). The printed models are characterized by similar haptic and optic qualities like conventional plaster models.

IMPRIMO® LC Model should be used in building processes with a z-resolution of 10-100  $\mu\text{m}$ .

## Processing instructions/application:

Make sure IMPRIMO® LC Model is tempered prior to use to 23 °C - 30 °C. Fill the material into the tray wearing your personal protective equipment (safety glasses, gloves and face mask). Small air bubbles can be removed carefully with a spatula. In case of contamination of the material such as dirt or fragments, the material can be filtrated and repeatedly mixed due to its low viscosity.

Leave the material to stand for approx. one hour to avoid any air inclusions.

## Contra-indications:

IMPRIMO® LC Model should not be used for any purpose other than the generative CAD/CAM fabrication of dental models and is not suitable for application in the mouth.

IMPRIMO® LC Model is a laboratory product.

## Post-processing:

Upon completion of the printing process, the objects have to be removed from the model platform. Unpolymerized resin residues can be removed completely using isopropanol and a soft brush or may be resolved in the cleaning device IMPRIMO® Clean using IMPRIMO® Cleaning Liquid.

## Post-exposure:

Final and complete curing of the objects is done in the curing unit IMPRIMO® Cure. It is absolutely necessary to use protective gas in order to prevent the creation of a dispersion layer. A wavelength of  $\leq 405$  nm is required.

The polymerization process in the light oven in a nitrogen environment takes 5 minutes. The exposure chamber should be flooded with nitrogen for 10 seconds prior to post-curing and then for another 10 seconds once post-curing has started. These parameters are stored in the internal programme of the IMPRIMO® Cure unit. Any deviation from the described manufacturing process can lead to modifications of the mechanical properties or the material colour.

## Shelf life/storage

Store the material at room temperature (18 °C to 28 °C) and protect it from light. Any exposure to light might damage the material. Carefully seal the container immediately after use.

**Hazard warnings:**

Prolonged skin contact with un-cured material and inhalation of monomer vapours can lead to irritations. In single cases, allergic reactions to certain ingredients of IMPRIMO® LC Model might occur, for more details, please refer to our safety data sheets on IMPRIMO® LC Model. In the event of eye contact, rinse thoroughly with water and seek medical advice. In the event of skin contact, rinse thoroughly with running water and soap.

**Attention:**

Polymerized resins are chemically resistant, avoid stains on clothes.

**Disposal:**

According to local authority prescriptions. Cured objects can be disposed of with other household waste. Unpolymerized material has to be disposed of at a waste collection point.

All information on processing our material - verbal, written or practical - is given to the best of our knowledge and must be read as references without obligation. Material use and processing is beyond our control and lies within the responsibility of the user.

Printer parameters available for Asiga printers.

**For professional use only.**



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# IMPRIMO® LC Splint Product Information

## Description:

IMPRIMO® LC Splint is a light-curing resin based on methacrylate and specifically engineered for the fabrication of high-precision occlusal splints and surgical guides; photo-polymerization is done by means of image projection systems ( $\leq 405$  nm).

IMPRIMO® LC Splint has been tested in terms of bio-compatibility and meets both the applicative and mechanical requirements. IMPRIMO® LC Splint should be used in building processes with a z-resolution of 25-100  $\mu\text{m}$ . A minimum wall thickness of 1.5 mm is required for reasons of stability.

## Processing instructions/application:

Make sure IMPRIMO® LC Splint is tempered prior to use to 23 °C - 30 °C. Fill the material into the tray wearing your personal protective equipment (safety glasses, gloves and face mask). Small air bubbles can be removed carefully with a spatula. In case of contamination of the material such as dirt or fragments, the material can be filtrated and repeatedly mixed due to its low viscosity.

Leave the material to stand for approx. one hour to avoid any air inclusions.

## Contra-indications:

IMPRIMO® LC Splint should not be used for any purpose other than the generative CAD/CAM fabrication of occlusal splints and surgical guides. IMPRIMO® LC Splint is not suitable for printing aligners.

IMPRIMO® LC Splint is a medical device class IIa.

## Post-processing:

Upon completion of the printing process, the objects have to be removed from the model platform. Unpolymerized resin residues can be removed completely using isopropanol and a soft brush or may be resolved in the cleaning device IMPRIMO® Clean using IMPRIMO® Cleaning Liquid.

## Post-exposure:

Final and complete curing of the objects is done in the curing unit IMPRIMO® Cure. It is absolutely necessary to use protective gas in order to prevent the creation of a dispersion layer. A wavelength of  $\leq 405$  nm is required. The polymerization process in the light oven takes 3 minutes in a nitrogen environment. The exposure chamber should be flooded with nitrogen for 10 seconds prior to post-curing and for another 10 seconds once post-curing has started. These parameters are stored in the internal programme of the IMPRIMO® Cure unit. Any deviation from the described manufacturing process can lead to modifications of the mechanical properties or the material colour.

**Shelf life/storage:**

Store the material at room temperature (18 °C to 28 °C) and protect it from light. Any exposure to light might damage the material. Carefully seal the container immediately after use.

**Hazard warnings:**

Prolonged skin contact with un-cured material and inhalation of monomer vapours can lead to irritations. In single cases, allergic reactions to certain ingredients of IMPRIMO LC Splint might occur, for more details, please refer to our safety data sheets on IMPRIMO® LC Splint. In the event of eye contact, rinse thoroughly with water and seek medical advice. In the event of skin contact, rinse thoroughly with running water and soap.

**Attention:**

Polymerized resins are chemically resistant, avoid stains on clothes.

**Disposal:**

According to local authority prescriptions. Cured objects can be disposed of with other household waste. Unpolymerized material has to be disposed of at a waste collection point.

All information on processing our material - verbal, written or practical - is given to the best of our knowledge and must be read as references without obligation. Material use and processing is beyond our control and lies within the responsibility of the user.

Printer parameters available for Asiga printers.

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# IMPRIMO® LC Impression Product Information

## **Description:**

IMPRIMO® LC Impression is a light-curing resin based on methacrylate and specifically engineered for the fabrication of high-precision individual trays; photo-polymerization is done by means of image projection systems ( $\leq 405$  nm).

IMPRIMO® LC Impression has been tested in terms of bio-compatibility and meets both the applicative and mechanical requirements. IMPRIMO® LC Impression should be used in building processes with a z-resolution of 50-100  $\mu\text{m}$ .

## **Processing instructions/application:**

Make sure IMPRIMO® LC Impression is tempered prior to use to 23 °C - 30 °C. Fill the material into the tray wearing your personal protective equipment (safety glasses, gloves and face mask). Small air bubbles can be removed carefully with a spatula. In case of contamination of the material such as dirt or fragments, the material can be filtrated and repeatedly mixed due to its low viscosity.

Leave the material to stand for approx. one hour to avoid any air inclusions.

## **Contra-indications:**

IMPRIMO® LC Impression should not be used for any purpose other than the generative CAD/CAM fabrication of individual impression trays.

IMPRIMO® LC Impression is a medical product class I.

## **Post-processing:**

Upon completion of the printing process, the objects have to be removed from the model platform. Unpolymerized resin residues can be removed completely using isopropanol and a soft brush or may be resolved in the cleaning device IMPRIMO® Clean using IMPRIMO® Cleaning Liquid.

## **Post-exposure:**

Final and complete curing of the objects is done in the curing unit IMPRIMO® Cure. It is absolutely necessary to use protective gas in order to prevent the creation of a dispersion layer. A wavelength of  $\leq 405$  nm is required. The polymerization process in the light oven in a nitrogen environment takes 5 minutes. The exposure chamber should be flooded with nitrogen for 10 seconds prior to post-curing and for another 10 seconds once post-curing has started. These parameters are stored in the internal programme of the IMPRIMO® Cure unit. Any deviation from the described manufacturing process can lead to modifications of the mechanical properties or the material colour.

## **Shelf life/storage:**

Store the material at room temperature (18 °C to 28 °C) and protect it from light. Any expo-

sure to light might damage the material. Carefully seal the container immediately after use.

**Hazard warnings:**

Prolonged skin contact with un-cured material and inhalation of monomer vapours can lead to irritations. In single cases, allergic reactions to certain ingredients of IMPRIMO® LC Impression might occur, for more details, please refer to our safety data sheets on IMPRIMO® LC Impression. In the event of eye contact, rinse thoroughly with water and seek medical advice. In the event of skin contact, rinse thoroughly with running water and soap.

**Attention:**

Polymerized resins are chemically resistant, avoid stains on clothes.

**Disposal:**

According to local authority prescriptions. Cured objects can be disposed of with other household waste. Unpolymerized material has to be disposed of at a waste collection point.

All information on processing our material - verbal, written or practical - is given to the best of our knowledge and must be read as references without obligation. Material use and processing is beyond our control and lies within the responsibility of the user.

Printer parameters available for Asiga printers

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# IMPRIMO® LC Cast Product Information

## **Description:**

IMPRIMO® LC Cast is a light-curing resin based on methacrylate and specifically engineered for the distortion-free fabrication of castings; photo-polymerization is done by means of image projection systems ( $\leq 405$  nm). Processing with standard investment materials.

IMPRIMO® LC Cast should be used in building processes with a z-resolution of 10-100  $\mu\text{m}$ .

## **Processing instructions/application:**

Make sure IMPRIMO® LC Cast is tempered prior to use to 23 °C - 30 °C. Fill the material into the tray wearing your personal protective equipment (safety glasses, gloves and face mask). Small air bubbles can be removed carefully with a spatula. In case of contamination of the material such as dirt or fragments, the material can be filtrated and repeatedly mixed due to its low viscosity.

Leave the material to stand for approx. one hour to avoid any air inclusions.

## **Contra-indications:**

IMPRIMO® LC Cast should not be used for any purpose other than the generative CAD/CAM fabrication of castings.

IMPRIMO® LC Cast is a laboratory product.

## **Post-processing:**

Upon completion of the printing process, the objects have to be removed from the model platform. Unpolymerized resin residues can be removed completely using isopropanol and a soft brush or may be resolved in the cleaning device IMPRIMO® Clean using IMPRIMO® Cleaning Liquid.

## **Post-exposure:**

Final and complete curing of the objects is done in the curing unit IMPRIMO® Cure. It is absolutely necessary to use protective gas in order to prevent the creation of a dispersion layer. A wavelength of  $\leq 405$  nm is required. The polymerization process in the light oven in a nitrogen environment takes 5 minutes. The exposure chamber should be flooded with nitrogen for 10 seconds prior to post-curing and for another 10 seconds once post-curing has started. These parameters are stored in the internal programme of the IMPRIMO® Cure unit. Any deviation from the described manufacturing process can lead to modifications of the mechanical properties or the material colour.

## **Shelf life/storage:**

Store the material at room temperature (18 °C to 28 °C) and protect it from light. Any exposure to light might damage the material. Carefully seal the container immediately after use.

**Hazard warnings:**

Prolonged skin contact with un-cured material and inhalation of monomer vapours can lead to irritations. In single cases, allergic reactions to certain ingredients of IMPRIMO® LC Cast might occur, for more details, please refer to our safety data sheets on IMPRIMO® LC Cast. In the event of eye contact, rinse thoroughly with water and seek medical advice. In the event of skin contact, rinse thoroughly with running water and soap.

**Attention:**

Polymerized resins are chemically resistant, avoid stains on clothes.

**Disposal:**

According to local authority prescriptions. Cured objects can be disposed of with other household waste. Unpolymerized material has to be disposed of at a waste collection point.

All information on processing our material - verbal, written or practical - is given to the best of our knowledge and must be read as references without obligation. Material use and processing is beyond our control and lies within the responsibility of the user.

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# IMPRIMO® LC Denture Product Information

## **Description:**

IMPRIMO® LC Denture is a light-curing resin based on methacrylate and specifically engineered for the fabrication of denture bases; photo-polymerization is done by means of image projection systems ( $\leq 405$  nm).

IMPRIMO® LC Denture has been tested in terms of bio-compatibility and meets both the applicative and mechanical requirements. IMPRIMO® LC Denture should be used in building processes with a z-resolution of 50- 100  $\mu\text{m}$ .

## **Processing instructions/application:**

Make sure IMPRIMO® LC Denture is tempered prior to use to 23 °C - 30 °C. Fill the material into the tray wearing your personal protective equipment (safety glasses, gloves and face mask). Small air bubbles can be removed carefully with a spatula. In case of contamination of the material such as dirt or fragments, the material can be filtrated and repeatedly mixed due to its low viscosity.

Leave the material to stand for approx. one hour to avoid any air inclusions.

## **Contra-indications:**

IMPRIMO® LC Denture should not be used for any purpose other than the generative CAD/CAM fabrication of denture bases.

IMPRIMO® LC Denture is a medical product class IIa.

## **Post-processing:**

Upon completion of the printing process, the objects have to be removed from the model platform. Unpolymerized resin residues can be removed completely using isopropanol and a soft brush or may be resolved in the cleaning device IMPRIMO® Clean using IMPRIMO® Cleaning Liquid.

## **Post-exposure:**

Final and complete curing of the objects is done in the curing unit IMPRIMO® Cure. It is absolutely necessary to use protective gas in order to prevent the creation of a dispersion layer. A wavelength of  $\leq 405$  nm is required. The polymerization process in the light oven in a nitrogen environment takes 10 minutes. The exposure chamber should be flooded with nitrogen for 10 seconds prior to post-curing and for another 10 seconds once post-curing has started. These parameters are stored in the internal programme of the IMPRIMO® Cure unit. Any deviation from the described manufacturing process can lead to modifications of the mechanical properties or the material colour.

## **Shelf life/storage:**

Store the material at room temperature (18 °C to 28 °C) and protect it from light. Any expo-

sure to light might damage the material. Carefully seal the container immediately after use.

**Hazard warnings:**

Prolonged skin contact with un-cured material and inhalation of monomer vapours can lead to irritations. In single cases, allergic reactions to certain ingredients of IMPRIMO® LC Denture might occur, for more details, please refer to our safety data sheets on IMPRIMO® LC Denture. In the event of eye contact, rinse thoroughly with water and seek medical advice. In the event of skin contact, rinse thoroughly with running water and soap.

**Attention:**

Polymerized resins are chemically resistant, avoid stains on clothes.

**Disposal:**

According to local authority prescriptions. Cured objects can be disposed of with other household waste. Unpolymerized material has to be disposed of at a waste collection point.

All information on processing our material - verbal, written or practical - is given to the best of our knowledge and must be read as references without obligation. Material use and processing is beyond our control and lies within the responsibility of the user.

Printer parameters available for Asiga printers.

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# IMPRIMO® LC Gingiva Product Information

## Description:

IMPRIMO® LC Gingiva is a light-curing resin based on methacrylate and specifically engineered for the fabrication of gingival masks; photo-polymerization is done by means of image projection systems ( $\leq 405$  nm).

IMPRIMO® LC Gingiva should be used in building processes with a z-resolution of 25-100  $\mu\text{m}$ .

## Processing instructions/application:

Make sure IMPRIMO® LC Gingiva is tempered prior to use to 23 °C - 30 °C. Fill the material into the tray wearing your personal protective equipment (safety glasses, gloves and face mask). Small air bubbles can be removed carefully with a spatula. In case of contamination of the material such as dirt or fragments, the material can be filtrated and repeatedly mixed due to its low viscosity.

Leave the material to stand for approx. one hour to avoid any air inclusions.

## Contra-indications:

IMPRIMO® LC Gingiva should not be used for any purpose other than the generative CAD/CAM fabrication of gingival masks.

IMPRIMO® LC Gingiva is a laboratory product.

## Post-processing:

Upon completion of the printing process, the objects have to be removed from the model platform. Unpolymerized resin residues can be removed completely using isopropanol and a soft brush or may be resolved in the cleaning device IMPRIMO® Clean using IMPRIMO® Cleaning Liquid.

## Post-exposure:

Final and complete curing of the objects is done in the curing unit IMPRIMO® Cure. It is absolutely necessary to use protective gas in order to prevent the creation of a dispersion layer. A wavelength of  $\leq 405$  nm is required. The polymerization process in the light oven in a nitrogen environment takes 5 minutes. The exposure chamber should be flooded with nitrogen for 10 seconds prior to post-curing and for another 10 seconds once post-curing has started. These parameters are stored in the internal programme of the IMPRIMO® Cure unit. Any deviation from the described manufacturing process can lead to modifications of the mechanical properties or the material colour.

## Shelf life/storage:

Store the material at room temperature (18 °C to 28 °C) and protect it from light. Any exposure to light might damage the material. Carefully seal the container immediately after use.

## Hazard warnings:

Prolonged skin contact with un-cured material and inhalation of monomer vapours can lead to irritations. In single cases, allergic reactions to certain ingredients of IMPRIMO® LC Gingiva might occur, for more details, please refer to our safety data sheets on IMPRIMO® LC Gingiva. In the event of eye contact, rinse thoroughly with water and seek medical advice. In the event of skin contact, rinse thoroughly with running water and soap.

**Attention:**

Polymerized resins are chemically resistant, avoid stains on clothes.

**Disposal:**

According to local authority prescriptions. Cured objects can be disposed of with other household waste. Unpolymerized material has to be disposed of at a waste collection point.

All information on processing our material - verbal, written or practical - is given to the best of our knowledge and must be read as references without obligation. Material use and processing is beyond our control and lies within the responsibility of the user.

Printer parameters available for Asiga printers.

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# IMPRIMO® LC Temp Product Information

## **Description:**

IMPRIMO® LC Temp is a light-curing resin based on methacrylate and specifically engineered for the fabrication of temporary crowns, bridges and mock-ups; photo-polymerization is done by means of image projection systems ( $\leq 405$  nm).

IMPRIMO® LC Temp has been tested in terms of bio-compatibility and meets both the applicative and mechanical requirements. IMPRIMO® LC Temp should be used in building processes with a z-resolution of 50-100  $\mu$ m.

## **Processing instructions/application:**

Make sure IMPRIMO® LC Temp is tempered prior to use to 23 °C - 30 °C. Fill the material into the tray wearing your personal protective equipment (safety glasses, gloves and face mask). Small air bubbles can be removed carefully with a spatula. In case of contamination of the material such as dirt or fragments, the material can be filtrated and repeatedly mixed due to its low viscosity.

Leave the material to stand for approx. one hour to avoid any air inclusions.

## **Contra-indications:**

IMPRIMO® LC Temp should not be used for any purpose other than the generative CAD/CAM fabrication of temporary crowns, bridges and mock-ups.

IMPRIMO® LC Temp is a medical product class IIa.

## **Post-processing:**

Upon completion of the printing process, the objects have to be removed from the model platform. Unpolymerized resin residues can be removed completely using isopropanol and a soft brush or may be resolved in the cleaning device IMPRIMO® Clean using IMPRIMO® Cleaning Liquid.

## **Post-exposure:**

Final and complete curing of the objects is done in the curing unit IMPRIMO® Cure. It is absolutely necessary to use protective gas in order to prevent the creation of a dispersion layer. A wavelength of  $\leq 405$  nm is required. The polymerization process in the light oven in a nitrogen environment takes 10 minutes. The exposure chamber should be flooded with nitrogen for 10 seconds prior to post-curing and for another 10 seconds once post-curing has started. These parameters are stored in the internal programme of the IMPRIMO® Cure unit. Any deviation from the described manufacturing process can lead to modifications of the mechanical properties or the material colour.

## **Shelf life/storage:**

Store the material at room temperature (18 °C to 28 °C) and protect it from light. Any expo-

sure to light might damage the material. Carefully seal the container immediately after use.

**Hazard warnings:**

Prolonged skin contact with un-cured material and inhalation of monomer vapours can lead to irritations. In single cases, allergic reactions to certain ingredients of IMPRIMO® LC Temp might occur, for more details please refer to our safety data sheet on IMPRIMO® LC Temp. In the event of eye contact, rinse thoroughly with water and seek medical advice. In the event of skin contact, rinse thoroughly with running water and soap.

**Attention:**

Polymerized resins are chemically resistant, avoid stains on clothes.

**Disposal:**

According to local authority prescriptions. Cured objects can be disposed of with other household waste. Unpolymerized material has to be disposed of at a waste collection point.

All information on processing our material - verbal, written or practical - is given to the best of our knowledge and must be read as references without obligation. Material use and processing is beyond our control and lies within the responsibility of the user.

Printer parameters available for Asiga printers.

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# IMPRIMO® LC Temp It Product Information

## Description:

IMPRIMO® LC Temp It is a light-curing resin based on methacrylate and specifically engineered for the fabrication of long-term temporaries such as crowns, bridges and mock-ups; photo-polymerization is done by means of image projection systems ( $\leq 405$  nm).

IMPRIMO® LC Temp It has been tested in terms of bio-compatibility and meets both the applicative and mechanical requirements. IMPRIMO® LC Temp It should be used in building processes with a z-resolution of 50-100  $\mu\text{m}$ .

## Processing instructions/application:

Make sure IMPRIMO® LC Temp It is tempered prior to use to 23 °C - 30 °C. Fill the material into the tray wearing your personal protective equipment (safety glasses, gloves and face mask). Small air bubbles can be removed carefully with a spatula. In case of contamination of the material such as dirt or fragments, the material can be filtrated and repeatedly mixed due to its low viscosity.

Leave the material to stand for approx. one hour to avoid any air inclusions.

## Contra-indications:

IMPRIMO® LC Temp It should not be used for any purpose other than the generative CAD /CAM fabrication of long-term temporaries such as crowns, bridges and mock-ups. IMPRIMO® LC Temp It is a medical product class IIa.

## Post-processing:

Upon completion of the printing process, the objects have to be removed from the model platform. Unpolymerized resin residues can be removed completely using isopropanol and a soft brush or may be resolved in the cleaning device IMPRIMO® Clean using IMPRIMO® Cleaning Liquid.

## Post-exposure:

Final and complete curing of the objects is done in the curing unit IMPRIMO® Cure. It is absolutely necessary to use protective gas in order to prevent the creation of a dispersion layer. A wavelength of  $\leq 405$  nm is required. The polymerization process in the light oven in a nitrogen environment takes 10 minutes. The exposure chamber should be flooded with nitrogen for 10 seconds prior to post-curing and for another 10 seconds once post-curing has started. These parameters are stored in the internal programme of the IMPRIMO® Cure unit. Any deviation from the described manufacturing process can lead to modifications of the mechanical properties or the material colour.

## Shelf life/storage:

Store the material at room temperature (18 °C to 28 °C) and protect it from light. Any expo-

sure to light might damage the material. Carefully seal the container immediately after use.

**Hazard warnings:**

Prolonged skin contact with un-cured material and inhalation of monomer vapours can lead to irritations. In single cases, allergic reactions to certain ingredients of IMPRIMO® LC Temp It might occur, for more details please refer to our safety data sheet on IMPRIMO® LC Temp It. In the event of eye contact, rinse thoroughly with water and seek medical advice. In the event of skin contact, rinse thoroughly with running water and soap.

**Attention:**

Polymerized resins are chemically resistant, avoid stains on clothes.

**Disposal:**

According to local authority prescriptions. Cured objects can be disposed of with other household waste. Unpolymerized material has to be disposed of at a waste collection point.

All information on processing our material - verbal, written or practical - is given to the best of our knowledge and must be read as references without obligation. Material use and processing is beyond our control and lies within the responsibility of the user.

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# IMPRIMO® LC IBT Product Information

## **Description:**

IMPRIMO® LC IBT is a light-curing resin based on methacrylate and specifically engineered for the fabrication of a transfer matrix in the indirect bonding technique; photo-polymerization is done by means of image projection systems ( $\leq 405$  nm).

IMPRIMO® LC IBT has been tested in terms of bio-compatibility and meets both the applicative and mechanical requirements. IMPRIMO® LC IBT should be used in building processes with a z-resolution of 50-100  $\mu$ m.

## **Processing instructions/application:**

Make sure IMPRIMO® LC IBT is tempered prior to use to 23 °C - 30 °C. Fill the material into the tray wearing your personal protective equipment (safety glasses, gloves and face mask). Small air bubbles can be removed carefully with a spatula. In case of contamination of the material such as dirt or fragments, the material can be filtrated and repeatedly mixed due to its low viscosity.

Leave the material to stand for approx. one hour to avoid any air inclusions.

## **Contra-indications:**

IMPRIMO® LC IBT should not be used for any purpose other than the generative CAD /CAM fabrication of transfer matrixes in the indirect bonding technique.

IMPRIMO® LC IBT is a medical product class I.

## **Post-processing:**

Upon completion of the printing process, the objects have to be removed from the model platform. Unpolymerized resin residues can be removed completely using isopropanol and a soft brush or may be resolved in the cleaning device IMPRIMO® Clean using IMPRIMO® Cleaning Liquid.

## **Post-exposure:**

Final and complete curing of the objects is done in the curing unit IMPRIMO® Cure. It is absolutely necessary to use protective gas in order to prevent the creation of a dispersion layer. A wavelength of  $\leq 405$  nm is required. The polymerization process in the light oven in a nitrogen environment takes 7 minutes. The exposure chamber should be flooded with nitrogen for 10 seconds prior to post-curing and for another 10 seconds once post-curing has started. These parameters are stored in the internal programme of the IMPRIMO® Cure unit. Any deviation from the described manufacturing process can lead to modifications of the mechanical properties or the material colour.

## **Shelf life/storage:**

Store the material at room temperature (18 °C to 28 °C) and protect it from light. Any expo-

sure to light might damage the material. Carefully seal the container immediately after use.

**Hazard warnings:**

Prolonged skin contact with un-cured material and inhalation of monomer vapours can lead to irritations. In single cases, allergic reactions to certain ingredients of IMPRIMO® LC IBT might occur, for more details, please refer to our safety data sheets on IMPRIMO® LC IBT. In the event of eye contact, rinse thoroughly with water and seek medical advice. In the event of skin contact, rinse thoroughly with running water and soap.

**Attention:**

Polymerized resins are chemically resistant, avoid stains on clothes.

**Disposal:**

According to local authority prescriptions. Cured objects can be disposed of with other household waste. Unpolymerized material has to be disposed of at a waste collection point.

All information on processing our material - verbal, written or practical - is given to the best of our knowledge and must be read as references without obligation. Material use and processing is beyond our control and lies within the responsibility of the user.

Printer parameters available for Asiga printers.

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# IMPRIMO® LC Try-In Product Information

## **Description:**

IMPRIMO® LC-Try-in is a light-curing resin based on methacrylate and specifically engineered for the fabrication of individual try-ins; photo-polymerization is done by means of image projection systems ( $\leq 405$  nm).

IMPRIMO® LC-Try-In has been tested in terms of bio-compatibility and meets both the applicative and mechanical requirements. IMPRIMO® LC-Try-In should be used in building processes with a z-resolution of 50-100  $\mu$ m.

## **Processing instructions/application:**

Make sure IMPRIMO® LC-Try-In is tempered prior to use to 23 °C - 30 °C. Fill the material into the tray wearing your personal protective equipment (safety glasses, gloves and face mask). Small air bubbles can be removed carefully with a spatula. In case of contamination of the material such as dirt or fragments, the material can be filtrated and repeatedly mixed due to its low viscosity.

Leave the material to stand for approx. one hour to avoid any air inclusions.

## **Contra-indications:**

IMPRIMO® LC-Try-In should not be used for any purpose other than the generative CAD/CAM fabrication of individual try-ins.

IMPRIMO® LC-Try-In is a medical product class I.

## **Post-processing:**

Upon completion of the printing process, the objects have to be removed from the model platform. Unpolymerized resin residues can be removed completely using isopropanol and a soft brush or may be resolved in the cleaning device IMPRIMO® Clean using IMPRIMO® Cleaning Liquid.

## **Post-exposure:**

Final and complete curing of the objects is done in the curing unit IMPRIMO® Cure. It is absolutely necessary to use protective gas in order to prevent the creation of a dispersion layer. A wavelength of  $\leq 405$  nm is required. The polymerization process in the light oven in a nitrogen environment takes 5 minutes. The exposure chamber should be flooded with nitrogen for 10 seconds prior to post-curing and for another 10 seconds once post-curing has started. These parameters are stored in the internal programme of the IMPRIMO® Cure unit. Any deviation from the described manufacturing process can lead to modifications of the mechanical properties or the material colour.

## **Shelf life/storage:**

Store the material at room temperature (18 °C to 28 °C) and protect it from light. Any expo-

sure to light might damage the material. Carefully seal the container immediately after use.

**Hazard warnings:**

Prolonged skin contact with un-cured material and inhalation of monomer vapours can lead to irritations. In single cases, allergic reactions to certain ingredients of IMPRIMO® LC Try-In might occur, for more details please refer to our safety data sheet on IMPRIMO® LC Try-In. In the event of eye contact, rinse thoroughly with water and seek medical advice. In the event of eye contact, rinse thoroughly with water and seek medical advice. In the event of skin contact, rinse thoroughly with running water and soap.

**Attention:**

Polymerized resins are chemically resistant, avoid stains on clothes.

**Disposal:**

According to local authority prescriptions. Cured objects can be disposed of with other household waste. Unpolymerized material has to be disposed of at a waste collection point.

All information on processing our material - verbal, written or practical - is given to the best of our knowledge and must be read as references without obligation. Material use and processing is beyond our control and lies within the responsibility of the user.

Printer parameters available for Asiga printers.

**For professional use only.**



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# IMPRIMO® LC MJF Product Information

## **Description:**

IMPRIMO® LC MJF is a light-curing resin based on methacrylate and specifically engineered for the fabrication of a devices for oral and maxillo-facial surgery as well as for implantology; photo-polymerization is done by means of image projection systems ( $\leq 405$  nm). Suitable for current sterilization methods such as plasma sterilization, gamma sterilization, ethylene oxide sterilization and autoclave sterilization.

IMPRIMO® LC MJF has been tested in terms of bio-compatibility and meets both the applicative and mechanical requirements. IMPRIMO® LC MJF should be used in building processes with a z-resolution of 25-100  $\mu\text{m}$ .

## **Processing instructions/application:**

Make sure IMPRIMO® LC MJF is tempered prior to use to 23 °C - 30 °C. Fill the material into the tray wearing your personal protective equipment (safety glasses, gloves and face mask). Small air bubbles can be removed carefully with a spatula. In case of contamination of the material such as dirt or fragments, the material can be filtrated and repeatedly mixed due to its low viscosity.

Leave the material to stand for approx. one hour to avoid any air inclusions.

## **Contra-indications:**

IMPRIMO® LC MJF should not be used for any purpose other than the generative CAD / CAM fabrication of devices for oral and maxillo-facial surgery as well as implantology.

IMPRIMO® LC MJF is a medical product class IIa.

## **Post-processing:**

Upon completion of the printing process, the objects have to be removed from the model platform. Unpolymerized resin residues can be removed completely using isopropanol and a soft brush or may be resolved in the cleaning device IMPRIMO® Clean using IMPRIMO® Cleaning Liquid.

## **Post-exposure:**

Final and complete curing of the objects is done in the curing unit IMPRIMO® Cure. It is absolutely necessary to use protective gas in order to prevent the creation of a dispersion layer. A wavelength of  $\leq 405$  nm is required. The polymerization process in the light oven in a nitrogen environment takes 5 minutes. The exposure chamber should be flooded with nitrogen for 10 seconds prior to post-curing and for another 10 seconds once post-curing has started. These parameters are stored in the internal programme of the IMPRIMO® Cure unit. Any deviation from the described manufacturing process can lead to modifications of the mechanical properties or the material colour.

**Shelf life/storage:**

Store the material at room temperature (18 °C to 28 °C) and protect it from light. Any exposure to light might damage the material. Carefully seal the container immediately after use.

**Hazard warnings:**

Prolonged skin contact with un-cured material and inhalation of monomer vapours can lead to irritations. In single cases, allergic reactions to certain ingredients of IMPRIMO® LC MJF might occur, for more details, please refer to our safety data sheets on IMPRIMO® LC MJF. In the event of eye contact, rinse thoroughly with water and seek medical advice. In the event of skin contact, rinse thoroughly with running water and soap.

**Attention:**

Polymerized resins are chemically resistant, avoid stains on clothes.

**Disposal:**

According to local authority prescriptions. Cured objects can be disposed of with other household waste. Unpolymerized material has to be disposed of at a waste collection point.

All information on processing our material - verbal, written or practical - is given to the best of our knowledge and must be read as references without obligation. Material use and processing is beyond our control and lies within the responsibility of the user.

Printer parameters available for Asiga printers.

**For professional use only.**



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