

G-PRINT 3D Model

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Graphenano Group:



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G-PRINT 3D Model

Resin for the 3D printing of
dental models



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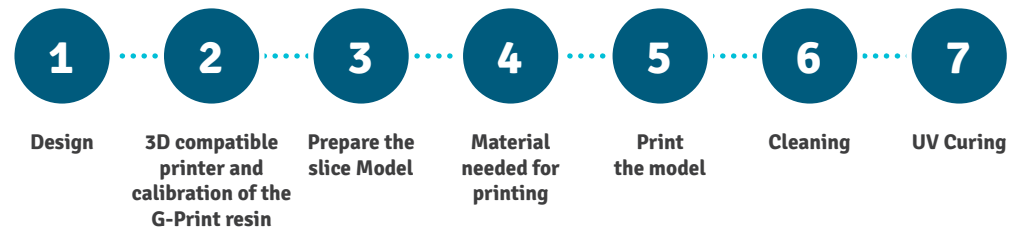
G-PRINT 3D Model



- Resin for the solid and hollow 3D printing of complete or partial dental models or with removable matrixes.
- Ideal for duplicating with silicone or gelatine, as well as for the manufacture of splints, aligners, etc, using thermoforming techniques.
- Print and processing parameters developed specifically for the resin provide optimal manufacturing processes with reproducible results every time.
- The dimensional stability and the smooth, pore-free surfaces of the printed models are the ideal basis for the manufacture of high-precision restorations.

- It can be insulated from adhering wax and is resistant to moisture; models can be cleaned without difficulty and their handling during processing is comparable to that of a conventional plaster model.
- Optimal visibility of all contours and margins of the models in the skin colour of the preparation.
- Ideal for processing in DLP 3D printers with a wavelength of 405 nm.
- Easy and error-free handling - the high physical stability of the material minimises sedimentation during storage and allows easy mixing.

G-PRINT working process



G-PRINT 3D resin parameters

- | | |
|--|-------------------------------|
| • Hardness: | 87 Shore D |
| • Viscosity (25°C): | 552 mPa. s |
| • Curing wavelength: | 405 nm |
| • Liquid density: | 1,1 g/cm³ |
| • Solid density: | 1.184 g/cm³ |
| • Elastic modulus ⁽¹⁾ : | 2540 MPa |
| • Bending resistance (5%) ⁽¹⁾ : | 80,6 MPa |
| • Exposure time: | 0,6 - 5,5 s |
| • Service life: | 12 months |

⁽¹⁾ ASTM B 790-15

