

Direct Casting Resin-301C

- This is a very stable and reliable resin, which can be applied to all 3D Plus machines and can also be applied to machines for other manufacturers. It can be used by the engineer, designer and jeweler to direct transfer the 3D design into great jewelry product.
- **High definition, strength and precision**
It can capture complicated details and has a strong adaptability, which is an ideal choice to embed gem, and it can also create challenging and unique model.
- **Smooth surface quality**
Before casting, the model printed by the machine has smooth surface, and perfect result can be realized with minimum polishing.



Material Characteristics:

Good print stability, adapted to all DLP 3D printers;
Perfect surface quality, and exquisite detail features;
High strength can ensure that the parts won't be torn or snapped during printing;
High precision can ensure complete hole and nail locations of parts;
High adaptability can satisfy the requirements of all 3D Plus printers;
Be brave enough to try, and it could match all DLP printers.

Description	Value
Viscosity	322.4Mpa*s
Flexural Strength	18.2Mpa
Elongation at Break	5.13%
Flexural Strength	21.3Mpa
Flexural Modulus	385.0Mpa
Bending Strain	8.9%
Izod Impact-Notched	9.57KJ/m ²
Density	1.17g/cm ³
Hardness (Shore D)	65 Shore
Ignition Temperature	400°C



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