

PowerResins Opaque

Perfect surface and print quality !

PowerResins Opaque is a special 100% ash-free castable resin that is formulated for DLP 3d printers in order to get perfect printing and direct casting quality in jewelry manufacturing. It has an opaque colour and provides perfect detail and surface quality in printing and casting.

- Perfect surface and print quality for DLP 3d printers
- 100% ash-free burnout for direct casting of jewelry. You may easily cast 21k, 18k, 14k gold or silver
- Can be used for any type of jewelry including engraving, smooth surface, high details or filigree jewelry.
- No need for post-curing: Only wash with ethyl alcohol and dry with air then it is ready for casting.
- Use of standard burnout cycle, no need for special treatment
- Not smelly or dangerous for health
- Suitable for 365nm / 385nm and 405nm wavelength 3D printers



ALL TYPES OF JEWELRY

Can be used for any type of jewelry including engraving, smooth surface, high details or filigree jewelry.



EASY TO CAST

Easy to cast with most investments such as Omnicast, Certus Optima, Kerr or others



100% ASH-FREE CASTABLE

Specially made for direct casting. Evaporates with heat leaving no ash.

MATERIAL PROPERTIES

PROPERTY	STANDART	VALUE
Flexurel Strength	ASTM D790-02	11.43 Mpa
Flexurel Modulus	ASTM D790-02	258.6 Mpa
Tensile Strength	ASTM D638	9.63 Mpa
Density	ASTM D1475	1.08 g/cm ³ at 23 °C
Viscosity	DIN 53211-4	480 - 500 mPa.s at 23 °C
Shore Hardness	ASTM D2240	60.8
Color	Opaque Green	

