

# PowerResins Dark

Perfect sharp details and easy to set stones!

PowerResins Dark has been developed specifically for direct casting of jewelry with high details. It provides perfect casting quality combined with very sharp printing abilities and easy to set stones.

- Very high precision and accuracy
- Perfect printing properties with sharp details suitable for jewelry with micro-pave prongs, engraving, highly detailed figures or filigree
- Easy to set stones directly on printed model before casting
- Create lighter jewelry with perfect precision
- Perfect 100% ash-free burnout for direct casting
- Use of standard wax burnout cycle
- No need for post-curing after printing
- Suitable for 365nm / 385nm and 405nm wavelength 3D printers



## SHARP DETAILS

Perfect printing properties with sharp details suitable for jewelry with micro-pave prongs, engraving, highly detailed figures



## 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	12.8 Mpa
Flexurel Modulus	ASTM D790-02	281.3 Mpa
Tensile Strength	ASTM D638	10 Mpa
Density	ASTM D1475	1.07 g/cm <sup>3</sup> at 23 °C
Viscosity	DIN 53211-4	550 - 580 mPa.s at 23 °C
Color	Black	

