

Product Overview

CAZAGO Resin is a premium-grade castable resin specifically developed for high-definition 3D printing and flawless investment casting processes. This advanced material is engineered to meet the strict demands of modern jewelry workshops, industrial designers, and high-precision prototyping specialists. Manufactured in the Republic of Moldova, this resin combines modern polymer formulation technology with European quality standards, providing users with consistent and reliable results in every print.

Technical Properties & Advantages

- **Exceptional Geometric Accuracy:** The polymer formula allows for the faithful reproduction of the most complex geometries, micro-detailed textures, and extremely sharp edges, without distortion during the curing process.
- **Clean Burnout Cycle:** The core feature of CAZAGO Resin is its complete and uniform burnout inside the furnace. It leaves near-zero ash or solid residue in the investment material, eliminating the risk of porosity, gas pits, or imperfections on the final metal surface (gold, silver, platinum, or brass).
- **Ultra-Smooth Surfaces:** The resulting models feature extremely fine layers and a matte finish. This significantly reduces the time required for post-processing, mechanical sanding, and polishing of the cast metal pieces.
- **Dimensional Stability:** The resin maintains its exact shape and dimensions after printing and washing, which is a critical factor for the perfect setting of gemstones in jewelry designs.

Application & Usage Guide

This product is ideal for luxury jewelry production, watchmaking, micro-engineering, complex industrial prototypes, miniatures, and high-fidelity components for creators.

- **Full Hardware Compatibility:** The formula is fully compatible with commercial LCD (mSLA) and DLP3D printers, delivering optimal layer exposure times and excellent build plate adhesion. Optimized for 405nm wavelength.
- **Post-Processing Instructions:** It is recommended to wash the printed parts in Isopropyl Alcohol (IPA) for 3-5 minutes, followed by complete drying with compressed air and a short post-UV cure to stabilize the surface.

Packaging Specifications & Origin

- **Packaging:** Available in 750 g UV-resistant opaque bottles, perfectly designed for workshop environments.
- **Production:** Proudly developed, tested, and manufactured in the Republic of Moldova.