

Technical Data Sheet (TDS) – WaxCast

Product Overview

WaxCast is a **high-performance, castable 3D printing resin** with **the highest wax content** available in the industry. Designed for **fast and accurate printing**, it ensures **exceptionally sharp features** while allowing for clean burnout, making it an ideal choice for **jewelry, dental, and engineering applications**.

- **High Wax Content** – Ensures exceptional castability and minimal expansion.
- **Sharp Details** – Perfect for **intricate filigrees, delicate patterns, and raised surfaces**.
- **No Ash Content** – Produces a **clean burnout** without residue.

Key Applications

- **Jewelry** – Ideal for **pierced filigrees, detailed engravings, and high-precision casting**.
- **Dental** – Suitable for **castable dental restorations**.
- **Engineering** – Used in **high-detail, castable prototypes**.

Material Properties

Property	Value
Viscosity	200 cP at 30°C
Density	1.08 g/cm ³ at 25°C
Color	Yellow

Key Features & Benefits

- **Highest Wax Content** – Ensures superior **castability** and precision.
- **No Ash Content** – Enables a **clean burnout process** for **flawless metal casting**.
- **Excellent Detail Retention** – Produces **sharp, well-defined features** for complex models.
- **Supports Both Small & Large Features** – Ideal for **fine filigree work as well as larger jewelry and dental applications**.

Storage & Handling

- ⚠ **Store in a cool, dark place** to maintain performance.
- ⚠ **Shake well before use** to ensure even consistency.
- ⚠ **Use gloves and work in a ventilated space** when handling.
- ⚠ **Follow post-processing and burnout schedules carefully** for optimal results.

Regulatory Compliance

- ✓ **Manufactured by Resinify Technology LLC, Detroit, Michigan, USA**
 - ✓ **Designed for professional use in jewelry, dental, and engineering industries**
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