

Technical Specifications Resinify TempCrown Performance (TDS)

Material Properties:

- **Tensile Strength:** 67.5 MPa (ASTM D638)
- **Flexural Strength:** ≥ 100 MPa (ASTM D790-02)
- **Flexural Modulus:** 2990 MPa (ASTM D790-02)
- **Shore Hardness:** 87.4 (ASTM D2240)
- **Density:** 1.14 - 1.5 g/cm³ at 23°C (ASTM D1475)
- **Viscosity:** 2500-6000 mPa.s at 23°C
- **Color Options:** VITA Classic A1, A2, B1, BL

Performance Characteristics:

- **Flexural Strength (post cured):** ≥ 100 MPa (ISO 10477)
- **Volumetric Wear:** 0.016 mm³ at 400k cycles
- **Total Fracture Work:** 1406 $\pm$ 289.5 J/m²



A Hybrid Nanoceramic Resin Designed for Dependable Performance:

Commitment to Compliance:

- **Biocompatibility:** Passed ISO 10993 cytotoxicity test.
- **ISO Standards:** Complies with ISO 13485, ISO 14971.
- **Usage Duration:** Suitable for temporary restorations that may remain in the mouth for up to 12 months.

Product Overview:

- **Product Name:** **Resinify TempCrown**
- **Type:** Temporary Crown and Bridge Resin
- **Application:** Designed for same-day chairside digital crowns and bridges, inlays, onlays, overlays, and veneers.



www.ResinifyTechnology.com
Info@ResinifyTechnolgy.com
[@ResinifyTechnology](https://www.instagram.com/ResinifyTechnology)

Updated 02/2025 V.3



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