

CeramixCast DLP Resin: Precision for Investment Casting

Overview: CeramixCast DLP Resin represents a pinnacle achievement in direct investment casting applications. Engineered with meticulous attention to detail, it offers unrivaled burnout properties and exceptional quality.

Key Features:

1. Excellent Burnout Properties:

- During the burnout process, parts made from **CeramixCast** gracefully evaporate at moderate temperatures.
- No adverse reactions with investment materials ensure a casting free from porosity.

2. Optimal for Precious Metal Castings:

- Craft intricate and precise precious metal castings with confidence.
- Low thermal expansions make it ideal for jewelry and other high-value applications.

3. Superior Surface Finish:

- **CeramixCast** delivers extremely smooth surfaces, elevating the aesthetics of your creations.

Material Properties (Tested per ASTM Standards):

- **Viscosity:** 361.7 MPa (DIN 1342-2)
- **Tensile Strength:** 16.8 MPa (DIN EN ISO 527-1)
- **Elongation at Break:** 7.46% (DIN EN ISO 527-1)
- **Flexural Strength:** 23.0 MPa (DIN EN ISO 178)
- **Flexural Modulus:** 404.0 MPa (DIN EN ISO 178)
- **Bending Strain:** 10.2% (DIN EN ISO 178)
- **Izod Impact - Notched:** 11.03 kJ/m² (DIN EN ISO 180)
- **Density:** 1.178 g/cm³ (DIN ISO 1183-1)
- **Hardness (Shore D):** 69 Shore (DIN EN ISO 868)
- **Ignition Temperature:** 350°C (DIN 53765)

Applications:

• Jewelry Market:

- Achieve high-quality, intricate jewelry parts with precision.
- Standard burnout procedures and high-speed building make it a go-to choice.

• Beyond Jewelry:

- Explore applications beyond jewelry—where technical functionality meets artistic finesse.

In summary, **CeramixCast DLP Resin** bridges the gap between technical excellence and creative vision, empowering creators to bring their designs to life with unmatched precision.