



# Denture Teeth UV

- ✓ Natural tone
- ✓ High precision
- ✓ High building speed
- ✓ High tensile and flexural strength
- ✓ High abrasion resistance
- ✓ Biocompatible
- ✓ Long-term storage

**Color** A1 ● A2 ● A3 ● A3.5 ● B1 ● B2 ● B3 ● BL ●

**Specification** 1000g Bottle

**Certifications** FDA

**Machine Compatibility**



A2D



A2D 4K



DS

Denture Teeth UV is a biocompatible material designed to produce digital dentures. It has very high tensile strength and flexural strength; it is also abrasion-resistant and withstands high pressure. The high durability of this material allows it to resist corrosion from everyday products such as coffee, tea, and carbonated beverages. The texture and color tone of the printed products accurately simulate those of actual human teeth. It is odorless, effortless to polish, and is compatible to use with the Denture UV material. The material has obtained Class II clearance from the FDA.

| Properties                | Units   | Standard   | Result        |
|---------------------------|---------|------------|---------------|
| Flexural Strength         | MPa     | ASTM D790  | 90.5–97.2     |
| Flexural Modulus          | MPa     | ASTM D790  | 2056.5–2230.7 |
| Impact Strength (Notched) | J/m     | ASTM D256  | 34.7–48.8     |
| Water Sorption            | %       | ASTM D570  | 0.8–1.3       |
| Hardness                  | Shore D | ASTM D2240 | 80            |



## Applications

|                              |      |
|------------------------------|------|
| Cytotoxicity (ISO 10993-5)   | Pass |
| Irritation (ISO 10993-10)    | Pass |
| Sensitization (ISO 10993-10) | Pass |

Based on results of ISO 10993 tests