

PowerResins Denture

Rapidly Produce high quality denture bases

Powerresins Denture is a biocompatible resin (Class IIa), developed for the 3d printing and manufacturing of long term removal dental dentures. It has high process reliability thanks to high initial hardness and exceptional mechanical properties.

- Biocompatible and safe to use in patient mouth as long term removal denture
- Exceptional mechanical properties
- Colour stability, odorless and tasteless
- MMA-free, Class IIa biocompatible resin



BIOCOMPATIBLE

Biocompatible and safe to use in mouth. Produced from biocompatible raw material used in dental applications.



MAX MECHANICAL FLEXURAL

Displays maximum mechanical flexural and tensile strength without becoming brittle



GOOD COLOR & CLARITY

The color are very natural like the real human denture and contains no harmful pigment solution



MATERIAL PROPERTIES

PROPERTY	STANDART	VALUE
Flexurel Strength	ASTM D790-02	103.32 Mpa
Flexurel Modulus	ASTM D790-02	2481 Mpa
Density	ASTM D638	1.12 g/cm ³ at 23 °C
Viscosity	ASTM D1475	2300-2400 mPa.s at 23 °C
Color	Opaque Pink	

