

PowerResins SG

Produce accurate and high quality implant guides

SG is a biocompatible CE Class 1 resin, developed for the 3d printing of Surgical Guides for implant surgery use. This material has very good mechanical properties and after printing, it is easy to insert metallic drill sleeves.

- Biocompatible and safe use in implant surgery
- Can also be sterilized using standard autoclave protocols
- Transparent, odorless and tasteless
- MMA-free, CE Class 1 biocompatible resin



BIOCOMPATIBLE

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



PRECISION DRILLING

It has been specially developed for performing precise surgical implant procedures



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	40.02 Mpa
Flexurel Modulus	ASTM D790-02	2314 Mpa
Tensile Strength	ASTM D638	23.29 Mpa
Density	ASTM D1475	1.1 g/cm ³ at 23 °C
Viscosity	DIN 53211-4	520-540 mPa.s at 23 C
Color	Clear Yellow	

