

# 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/cm3 at 23 °C
Viscosity	DIN 53211-4	520-540 mPa.s at 23 C
Color	Clear Yellow	

