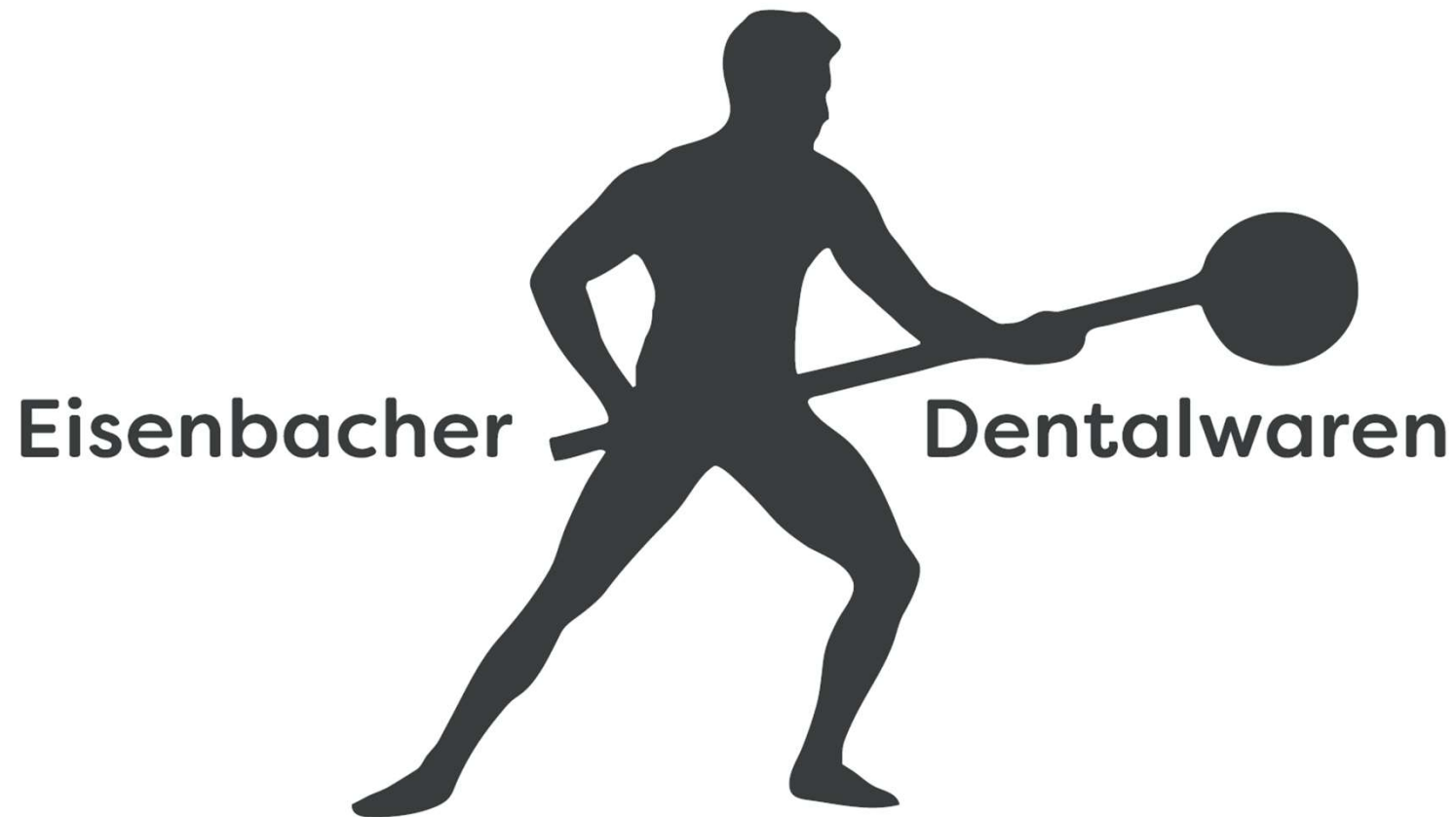




Eisenbacher Dentalwaren ED GmbH



Kera[®]S-Powder

The proofed dental alloy for 3D print SLM

... your specialist for dental alloys and more...



Eisenbacher Dentalwaren ED GmbH

Kera[®]S-Powder

One Dental Alloy For All Technologies

- Kera[®]gen
- Kera[®]Disc
- Kera[®]Soft-Disc
- Kera[®]S-Powder

26 years
Clinical experience!





Kera[®]S-Powder

- The process development of the sintering parameters was carried out in close cooperation with the University of Applied Sciences Aschaffenburg and the alp working group (Applied Laser Technology and Photonics).

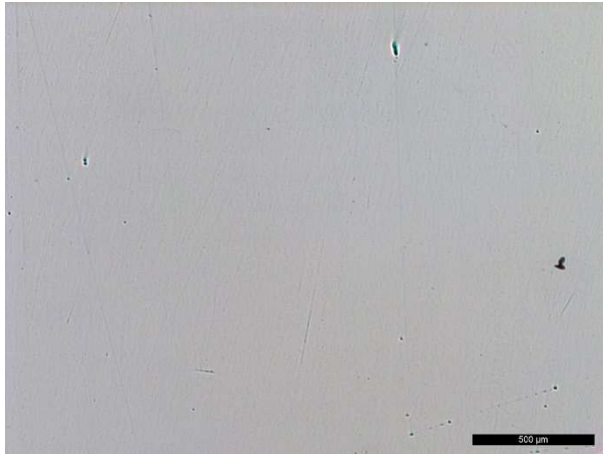
With the Kera[®]S-Powder you get...

- Optimal SLM process parameters, which have been validated on different sintering machines.
- A complete package for a safe medical device / custom-made product.

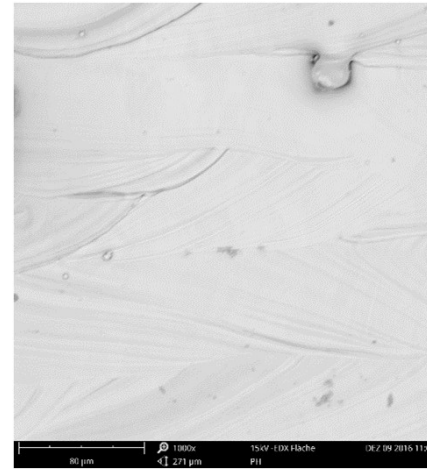




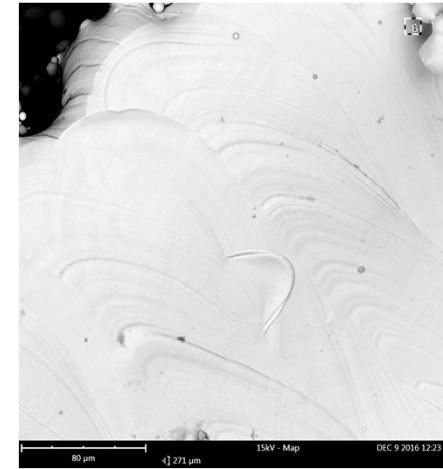
Kera[®]S-Powder



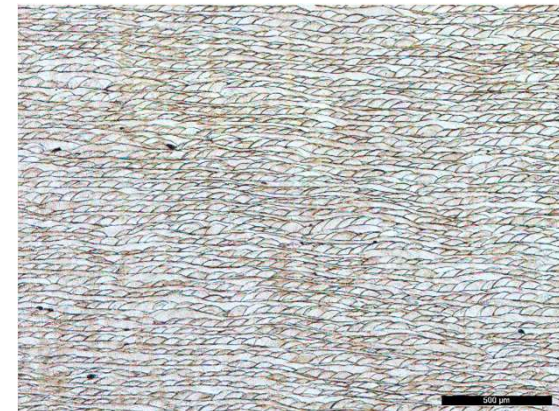
- 99,9% density



- well fused melting paths...



- Developed and validated SLM process for safe & approved results
- Further SLM machines are still in validation process.





Kera[®]S-Powder

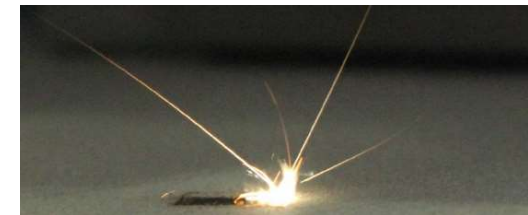


Features:

- High biocompatible dental alloy according DIN EN ISO 10993
- Approved dental composition like Kera[®]-Disc, Kera[®]gen
- CE certified medical device!

Indication:

- Crowns and bridges(up to 14 units)
- Implant supported restorations (bars, abutments)
- Removable prosthesis on telescopic crowns

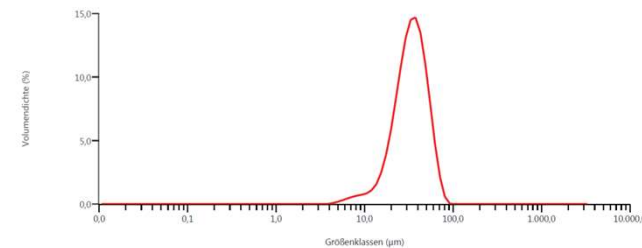
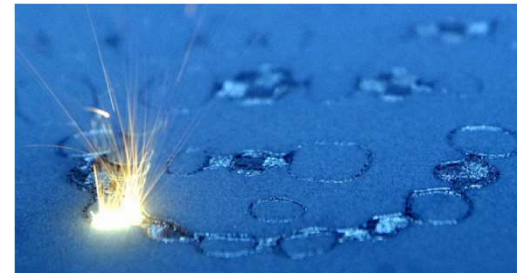




Kera[®]S-Powder

Physical Properties

Yield strength	642 MPa
Elongation	8%
Tensile strength	1021 MPa
E-Module	200 GPa
CTE (20-500°C)	14,1
Corn size	10 – 45 µm



Co %	Cr %	W %	Si %	< 1%	Others %
62	28	8,5	1,6	Mn, Fe	< 0,1



Eisenbacher Dentalwaren ED GmbH

Kera[®]S-Powder

Packaging units:

5Kg bottle

20 Kg bucket



CE
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