

Indication

Mould former made of cellular rubber for the production of investment muffles for dental casting..

What are the benefits of SHERAMUFFELFORMERN?

- made of cellular rubber supporting the chemical reaction of the investment because of its thermo-elastic and heat isolating characteristics.
- the „thermos bottle-effect“ contributes to a better and consistent thermo-chemical setting process.
- high thermal elasticity ensures the desired and controlled expansion of the investment.
- best possible degassing of the muffle due to open porous surface.
- prevention of mould cracking and fissures.
- highest precision.
- reusable.

Following models are available

- SHERAMUFFELFORMER K&B in size 3, 6 and 9 (for crown and bridge technique).
- SHERAMUFFELFORMER MG (hole in the base for model casting).
- SHERAMUFFELFORMER RP (base without hole for fixing the sprue of 3D printed models with rapid-prototyping or for works of crown and bridge technique).

Application

SHERAMUFFELFORMER K+B

- fix the wax model at the top of the base and put the cylinder on the base.
- fill up the mould former with the investment.
- in case of filigree parts, fill up the mould former until their bottom edge at first and fill the filigree parts with a tiny tool before pouring in the remaining investment.

SHERAMUFFELFORMER MG



- put the investment model on the hole of the base and fix it completely with wax.
- the hole in the base enables a better drying of the investment.
- place the cylinder with the thin wall downwards.
- place the mould former on an absorbent base while embedding.
- afterwards, the investment could be filled in without vibration.

After reaching the set up time, demould the muffle and place it into the furnace. Do not put the mould former into the furnace.

By first-time application of the mould former, we recommend to heating up slowly the moulds until the inner surface becomes roughened and the muffle has a floury consistence after demoulding. Alternatively, use a casting ring liner, as explained in our tip. In this case, you could also use the mould former for shock heat.

Tip

Use a casting ring liner. On the one hand, you have a better contrast between the mould former and the model and on the other hand, the investment is easier to demould and the mould former is treated with care.

Cleaning and maintenance

Used SHERAMUFFELFORMER could be washed up. Please only use water. It is the best way to do it at the end of the working day, so that the mould former could dry overnight.

Warranty

SHERA Werkstoff-Technologie GmbH & Co. KG is certified according to DIN EN ISO 13485 and guarantees for the products, due to a thorough quality control system, a flawless quality of its products. Our instructions for use are based on the results of our test laboratory. The technical data given can only be guaranteed if the processing is carried out as mentioned. The user is self-responsible for processing of the products. We are not liable for faulty results as SHREA has no influence on the processing. Nevertheless possibly arising claims for damages relate to the value of the products only.