

SHERADUBLE, SHERAFORM, SHERAGEL

Indication

Our agar-agar duplicating gels are reversible, suitable for all plaster free investment materials, ensure precise reproductions and have a long life-span.

SHERA agar – agar duplicating gels can be melted conventionally or in a microwave oven.

General instructions

- 1.) Do not add any water when melting the product for the first time.
- 2.) The melting temperature must not be above 90/92°C, as this will damage the product.
- 3.) Stir in a duplicating machine until the material is very liquid (important). If this is disregarded the duplicating gel will not flow smoothly but will remain lumpy.
- 4.) Soak model in lukewarm water for 15-30 min.
- 5.) Processing temperature: 45-50°C.
- 6.) Setting time: at least 60 min. preferably bench set.
- 7.) It is most important that the duplicating gel is dry and at room temperature before filling it with investment material. If not, the investment material will form a film which will stick to the duplicating gel.
- 8.) If the duplicating gel is cooled down in a cold water bath it must be at room temperature again before filling it with investment material.
- 9.) Re-melting: add approx. 1/2 cup = 50-100 ml water.

Instructions for melting, using a 800 watt microwave oven:

- 1.) Cut material into small pieces and pour water over them. Stir and pour off water again. In a suitable container (e.g. glass beaker; **no metal!**), heat on full power for approx. 60 seconds.
- 2.) Take the agar-agar out of the microwave and stir it for approx. 30 sec.
- 3.) Continue to heat the agar-agar on the highest setting for a further 30 sec. (ideal temperature approx. 84°C).
Instructions 2. and 3. can be repeated until the gel has reached a temperature of approx. 84°C. The time needed depends on the power of the microwave and the amount and the size of the agar-agar pieces.
- 4.) For further processing instructions follow the general instructions for use starting with 4.

Warranty

SHERA Werkstoff-Technologie GmbH & Co. KG is certified according to DIN EN ISO13485 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 SHERA has no influence on the processing. Nevertheless possibly arising claims for damages relate to the value of the products only.

