

HEBA-ACRYL Cold polymerisate

Polymethylmethacrylate-based material (PMMA) in different colors for manufacturing BTE earmolds and ITE shells.

Delivery units: Cold Powder	l or 5 kg	REF: 50100
Cold Liquid clear	l or 5 kg	REF: 50200
Cold Liquid pink-clear	l or 2 L	REF: 50205

General product information

We recommend mixing under a dust extraction system. On the digital scale in the *Mixing cup* (REF: 61500/61600/61700) weigh 24 ml acrylic cold-polymerizate liquid and 40 g acrylic cold-polymerizate powder (for approx. 12-15 earmolds) and use the *spatula* (REF: 60700) to weigh approx mix for 10 seconds.

Tip: First fill the cup with liquid and then add the powder. This prevents clumping. When using a *vibrator* (REF: 78000/78100) stirred bubbles rise more easily.

Processing instructions:

Production in the pressure pot

Various materials (*plaster* REF: 58050/*duplicating silicone* REF: 36800, 36802, 46510/*duplicating material* REF: 46500) can be used to produce negative molds for earmolds. According to the mixing ratio, slowly pour the acrylic material on the activated vibrator into the negative mold until it is completely filled. Let it stand briefly on the vibrator to allow any bubbles to rise. After a few seconds, a matt surface will form on the acrylic material. Then place the negative mold in the *pressure pot* (REF: 77000) or *Polypot* (REF: 77300) filled with water (40 ° C) at 2-5 bar for 12-15 minutes to polymerize.

Caution: The negative form must be completely covered with water, otherwise boiling bubbles will form in the blank.

Production in the Micropol 100

Create the negative form in the *Micropol 100* (REF: 78300) with *plaster* (REF: 58050). After the mixing ratio, pour the acrylic material on the activated vibrator slowly into the negative mold until it is completely filled. Place the *ring part* (REF: 78400) on the *Micropol base plate* (REF: 78500). Place the *membrane foil* (REF: 79200) on the plastic and attach the pressure chamber. Tighten the 3 screws of the *Micropol 100* with the *closing ratchet* (REF: 79400). Fill *Micropol 100* with 5 bar pressure.

Then let *Micropol 100* cool down for approx. 10 minutes without water. With the *screwdriver for valve* (REF: 79500) release the pressure and open the mold.

After the polymerization time, the blank is removed from the negative form and work out with special cutters.

Afterwards you can coat the earmold / ITE shell with the *LP/H lacquer* (REF: 45500 / 45600 / 45620 / 45625), *HEBALac am* (REF: 45640 - 45642).

Storage:

Liquid: The material must be stored in a cool and dry place. Keep The container tightly closed.

Powder: The material must be stored in a cool and dry place. Ensure good ventilation in the entire room even the floor (fumes are heavier than air). A dust extraction system at the workplace is recommended. Keep away from sources of ignition – No smoking. Protect from light.

Note: Close container immediately after use. Avoid direct contact with liquid material! Before processing and shaping the material, hands should be protected by wearing suitable gloves.

Instructions for use

Indications for use:

for manufacturing of cold-polymer earmolds

Technical data:

Mixing ratio:
24 ml liquid + 40 g powder

Product color:
powder: clear
liquid: clear or pink-clear

Order information:

Duplicating silicone	REF 36800 ff
Duplicating material	REF 46500
Pressure pot	REF 77000
Polypot	REF 77300
Micropol 100	REF 78300
Ring part	REF 78400
Micropol base plate	REF 78500
Closing ratchet	REF 79400
Screwdriver for valve	REF 79500
Vibrator small	REF 78000
Vibrator large	REF 78100
Plaster	REF 58050
Membrane foil	REF 79200
Spatula	REF 60700
Resimix cup	
small	REF 61700
medium	REF 61600
large	REF 61500

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