

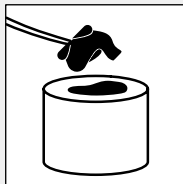
Manufacturing Process –

UV-Polymerization

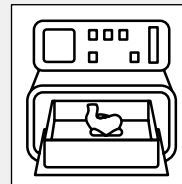
One-component material on the basis of polyurethane/acrylate is used for working with the UV-polymerization technique for manufacturing earmolds.

Advantages:

- quality material available in transparent and pink-transparent for earmolds and in beige, flesh, red and blue for ITE shells
- special colorations are possible
- hard, impact-tough material
- also applicable for hearing protection
- modular system, therefore also suitable for small numbers of items
- clean and space-saving manufacturing process
- very tissue-friendly
- reasonable cost-benefit ratio
- usable in the usual UV-curing units



Manufacturing of negative molds



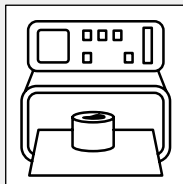
3. Take the blank out of the negative mold for post-polymerization in the LP-Cleaner bath or under inert gas (nitrogen)



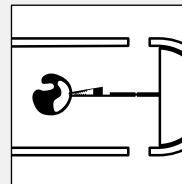
1. Fill the LP material into the transparent negative mold



4. Shape the blank with special cutters



2. Put the negative mold into the UV-curing unit EL 1, EL 1 plus N₂ or EL 2 for polymerization



5. After shaping and finishing varnish it with LP lacquers