



**agar
scientific**

a brand of Elektron Technology

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AGAR 100 PREMIX KIT - HARD: AGR1140
 - MEDIUM: AGR1141
 - SOFT: AGR1142

Polymerisation time

12 hours at 60°C

Polymerisation

A longer curing time will generally give harder blocks as will higher temperatures. Conversely, shorter times and lower temperatures will give softer blocks.

Methods of use

The procedure is very simple. Each kit contains 5 sets of 2 components, plus 5 ampoules of accelerator. One component is in a bottle of 100ml capacity and the other is a bottle of 50ml capacity. Simply add the contents of the smaller bottle to those of the larger bottle, add the contents of one of the ampoules of accelerator, mix thoroughly, and approximately 100g of resin is ready for use. No additional containers are required, and any unused resin can be stored in a refrigerator for a few days, or allowed to gel in the bottle and then discarded.

Note: If unused mixed resin is stored at a reduced temperature before use, the resin must be allowed to reach ambient temperature before opening and use.

Storage

It is not necessary to refrigerate the components. Both the resin and hardener have long shelf lives. The accelerator should be used within six months.

Hazards

All epoxy resins may cause dermatitis. Evidence has been presented that epoxy resins may be carcinogenic and therefore care should be taken to avoid skin contact. Skin may be washed with soap and plenty of water. Eyes should be irrigated with copious quantities of water. Contaminated clothing should be changed immediately. Always wear gloves.