

polyurethane resin castings for scale models

“ exceptional
detail
definition ”

Polyurethane resin castings for the fine scale model market require exceptional detail definition on complex and intricate components. This is achieved via soft flexible silicone rubber with mould life normally around 50 - 60 castings. The high level of detail is retained over the complete run.

Process Applications include fine scale models, display/scenic, architectural models, film and TV effects, promotional models, giftware and fashion accessories.

Master Patterns may be made from almost any stable non-porous material including brass, SLA, tooling board, acrylics, waxes, cast resins etc. It is vital that all gaps and hairline cracks are thoroughly sealed. Wall thickness should not be less than 1mm, except in very localised areas, and should ideally be 3mm or more wherever possible, especially on larger models

Material used is a rigid polyurethane casting resin. The normal production resin is beige, but can be pigmented to the colour requirements of the client.

Tolerances are typically less than 0.4% variation from master to moulding.

Mould Sizes range up to 950mm x 850mm x 650mm with shot weights up to 6kilos.

Process Advantages High level of accuracy and detail is repeated over the complete production run. Minimal Shrinkage permits use of duplicates or sub-masters for multiple impressions, useful if originals are delicate.

For more information
www.cmamoldform.co.uk
or call us on
0121 333 5805



CMA Moldform Limited
B6 The Seedbed Centre
100 Avenue Road
Birmingham B7 4NT
United Kingdom

Tel: 0121 333 5805
Fax: 0121 333 6010

E: info@cmamoldform.co.uk
www.cmamoldform.co.uk