

prototype foam mouldings
for industry

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“ a highly
versatile
process with
low tooling
costs ”

For fast and accurate PU foam mouldings of complex prototypes, large or small, this highly versatile process allows for the moulding of numbers of parts in a wide range of materials.

Rigid mould tools are made directly from your CAD, or silicone mould tools taken from your master model.

Process Applications are almost limitless, but it is particularly suited to automotive, marine and film industry.

Mould tools can be made directly from CAD files into rigid tooling board for the high production requirement or from any stable non-porous material including SLA, tooling board, acrylics, waxes, cast resins etc. via silicone tooling for prototype components.

Materials properties are flexible or rigid, as either integral skin PU foams or low to high-density PU foams. The density range is from 42 - 600 kg/m³.

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

Mould Sizes & Material Shot Weights are limited only by physical handling considerations.

Process Advantages include low tooling costs, rapid turnaround (e.g. mouldings within days of receipt of masters). Silicone moulds and inserts allow significant undercuts, simplifying mould-making, which contains costs.

Client base in automotive, medical, electronic, aerospace, marine and film industry sectors.

For more information
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