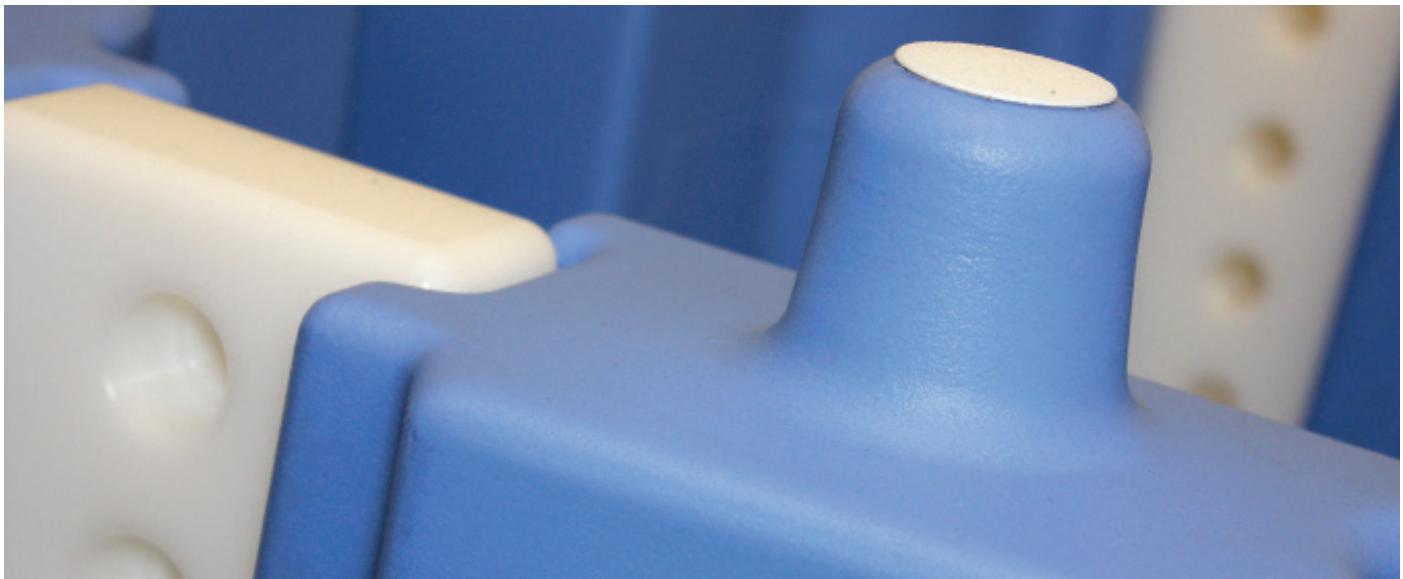


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What is Rotomoulding?



“ Rotational moulding is a highly versatile method for making precise, stress and seam free plastic components at comparatively low cost

Rotational moulding – perfect for hollow or partially hollow plastic components

- The polymer powder is slowly tumbled in a heated enclosed mould, the powder melts forming a coating over the internal surface of the mould. The mould is cooled which makes the polymer coating become solid and the mould is opened. The accurately shaped part is extracted, and new polymer is introduced to make the next moulding.
- The part can include features such as metal inserts, threads, CNC machined edges, holes, slots, etc.
- Almost any finished appearance can be achieved by self-coloured plastic and a range of moulded textures, or the part can be post mould painted.
- tecni-form have the capability to create assemblies of moulded and bought-in parts.

Rotational moulding is a highly versatile method for making precise, stress and seam free plastic components at comparatively low cost. The process can produce complex shapes with controlled wall thickness in a variety of materials. It is particularly suitable for manufacturing hollow or partially hollow parts.

By selecting from a range of different materials, articles with physical properties as varied as flexible gearstick gaiters or rigid commercial vehicle cab components can be made. Metal inserts such as threads and bushes can be moulded in, and moulded cavities can be filled with foam. Alternatively, threads may be part of the moulded shape itself. Mouldings may be CNC machined, drilled, sawn, routed, tapped or welded.

A moulded textured surface enhances appearance, and improves scratch resistance – tecni-form have almost unlimited choice. The look and feel of other materials such as metal and leather can be simulated. If more rigidity or insulation are part of the design, an inner foam layer can be moulded integrally or after moulding injected into hollow sections. Take a look at the Finishes section to see what can be done.