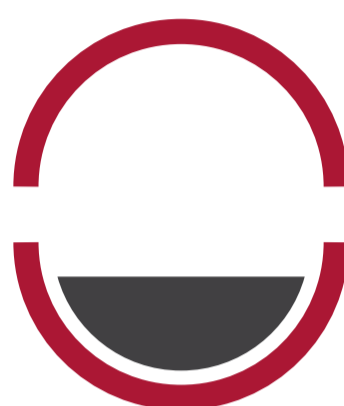


THE STEP BY STEP ROTATIONAL MOULDING PROCESS



1

Moulds are typically manufactured from aluminium or steel in sections.



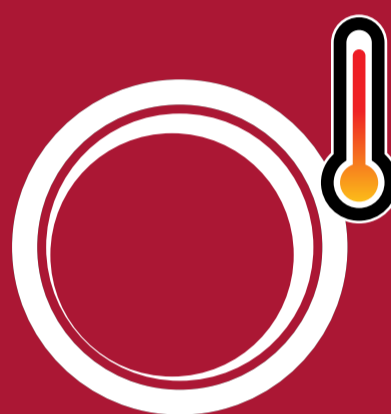
2

Powdered polymer is loaded into the mould, which is clamped shut and moved into the oven.



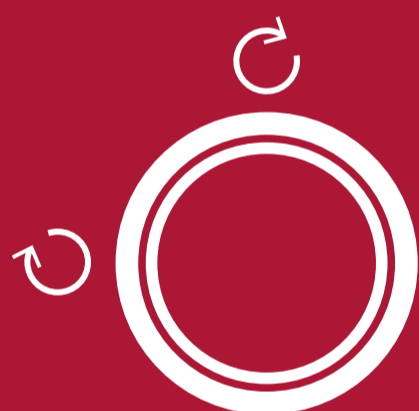
3

The mould is rotated on two axis, tumbling the powder within the mould.



4

The mould is heated and polymer adheres to the inside of the mould.



5

The bi-axial rotation ensures a uniform thickness of polymer builds up to form the product.



6

The mould is only removed from the oven once the polymer has been fully processed.



7

The mould continues to rotate as it is then cooled using air blowers and/or atomised water.



8

When cooled sufficiently, the clamps are released and the product removed.



9

If necessary the product is held in jigs to maintain correct shape.



10

The mould is recharged with polymer and the process repeated.