ROTADYNE

ROTATIONAL MOULDING

HOW IT WORKS

1 PREP MOULD

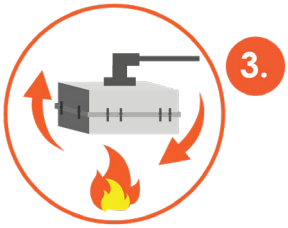
Anti-adhesives are applied to the inside of the mould to facilitate part removal.

2 FILL MOULD

Plastic powder in the selected colour is weighed and poured into the mould.

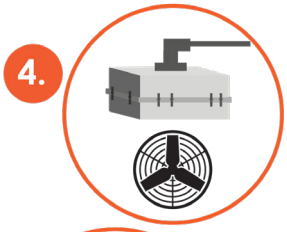
3 COOK

The mould enters an industrial oven which performs a bidirectional rotation, allowing the plastic to evenly stick to the mould's interior.



4 COOL

Moulds leave the oven and are positioned beside an industrial fan which cools and solidifies the plastic. This also slightly shrinks the part.



4 REMOVE FINISHED PART

The mould is opened, and the now solid and slightly loose part is able to be carefully extracted.

WHY ROTOMOULDING?

People choose rotomoulding to create large parts with uniform wall thickness and high quality finishes. It is popularly used for water tanks and outdoor furniture.