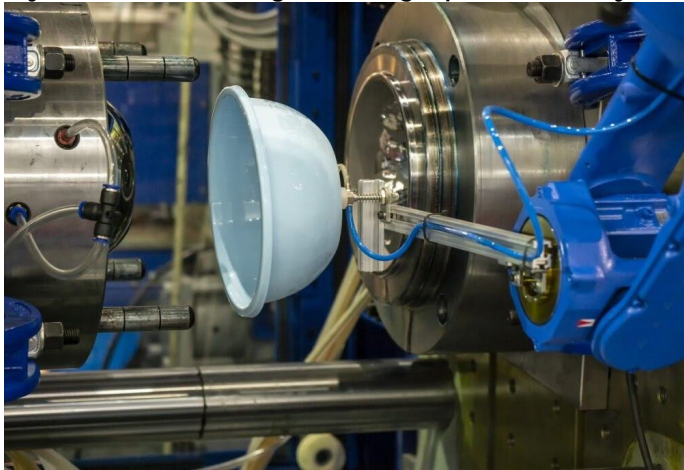


Injection Moulding

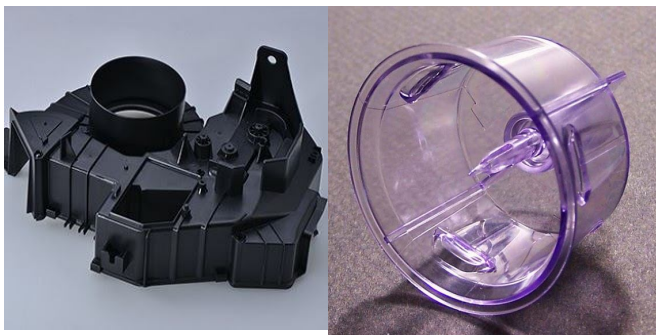
Zetford manufactures wide range of precision plastic injection moulded parts in terms of various thermoplastic and thermoset polymers. The size of the parts include small Internet of Things product part to big automobile parts and the part tolerances produced up to five micron.

Our network of plastic part specialized manufacturers having state of art advanced injection moulding machines ranging from 50Tonnage to 1000Tonnage. We specialize in manufacturing of engineering parts, custom plastic injection moulding, and high precision injection molding.



Injection Moulded Parts

Plastic parts lower in weight to metal parts but performance wise they meet the required strength in many places. Plastic parts are low in cost. They are used where there is not much load acting and friction is there. Plastic material can withstand without changing the upto certain temperature. These parts can moulded in different colors and there are various applications in automotive, electrical, home appliances, IOT devices, telecommunication, consumer goods, medical and other industries.



Injection Moulding Materials

Zetford provides injection moulding services in wide range of materials. Plastic injection moulding materials are two types which are engineering plastics and high performance plastics. Engineering plastics have better engineering properties than most of the commonly used commodity plastics and are used across industries for a variety of applications. High performance plastics have improved temperature stability and mechanical properties even compared to engineering plastics and are necessary for a variety of specialized applications.

The type of material used in injection molding is dependent upon the application in which the material will be used. Injection molding is utilized in a variety of industries, The material used to create a particular product is dependent upon the application. Here are some of the most common injection molding materials:

PMMA

Plastic Injection Moulding

If you are interested in using plastic moulded component parts for your products, you need to find the right injection molding manufacturer. As an Injection moulding manufacturing company, Zetford offers a variety of services, by providing the finest level of quality in their products and customer experiences.

Whether your plastic part is small or large we have the moulding capability to handle it. With shot weights ranging from just 0.5g to 1000g, and component moulding size from 500mm x 500mm maximum, Zetford can satisfy all your injection moulding requirements.

Mould Tool Manufacturing:

We manufacture world class plastic injection moulds for wide range of industries like automotive, home appliances, electrical, telecommunication, medical, consumer goods, etc. The moulds are made for thermoplastic and thermoset material. High quality moulds are made best in class procedures. The standards followed are Hasco, DME, Meusburger. [Check detailed mould tool manufacturing here](#)

