

HOW TO TURN YOUR BRILLIANT PRODUCT IDEAS INTO REALITY



1 DESIGNING THE PRODUCT



Make a **sketch**, making sure that all the important parts are detailed. If you're not exactly the artistic type, you can have someone else draw it for you. From here, **you can have an engineer create a 3D model** of each part. It is at this point that you'll be doing a **lot of trial and error**.

2 DETERMINING THE MOLDING PROCESS

Plastic injection molding is the preferred method in creating custom plastic parts. It **balances costs and functionality** well. This leaves you with enough flexibility to give you the kind of products you imagine.



3 PROTOTYPING



You now have an **idea** what kind of custom plastic parts **you need**. You also know how you can make them. Now, it's time to **create plastic prototypes** that will show you what kind of adjustments need to be made. It is at this point that tooling comes into play.

4 MANUFACTURING THE ITEM

The plastic injection molding service will now **start the manufacturing process**. Remember that quality control also **plays a critical role** here. Just because the order is done doesn't mean the deal is finished. Make sure all parts ordered were **made according to the specs you provided**.



TIPS DURING THE EXECUTION PROCESS



Choose
the right
people



Take
risks



Be
realistic



Be
flexible