Ten Easy Steps To Producing Molded Parts

1 / RFQ

The first step in the PMP process is for you to submit a Request For Quote (RFQ) to us. This RFQ should include a description of the part requirements, including: any drawings, detailed technical specifications, material and colors, tooling floor (.dxf) or 3D files, any other important information, plus a quote due date.

2 / QUOTE

Once we have received the quotes and have reviewed them, we will submit a proposal to you by email or telephone. In order for us to determine the competitiveness of our quote, we will request the following information:

- Material & Colors
- Design Specifications
- 3D Models/Files
- Any Other Important Information
- Quote Due Date
- Target Part Price
- Secondary Operations
- Packaged Requirements
- Second Source Operations
- Shipping & Handling
- Target Date
- Any Other Terms

3 / PO + DEPOSIT (MOLDS)

If you decide to purchase tooling from us, we will send you a purchase order and deposit request. We will request the following information:

- Materials & Colors
- Design Specifications
- 3D Models/Files
- Any Other Important Information
- Quote Due Date
- Target Part Price
- Secondary Operations
- Packaged Requirements
- Second Source Operations
- Shipping & Handling
- Target Date
- Any Other Terms

4 / DFM

Within about four to five days after receiving your purchase order and deposit, we will provide you with a Design for Manufacturability (DFM) study report. The DFM study report will include a mold flow analysis and suggested or required modifications to the part design. A DFM study analyzes the design of an injection molded part with the intent of providing you with a Design for Manufacturability/Moldability (DFM) study report, which will include a mold flow analysis and suggested or required modifications to the part design. Within about four or five days after receiving your purchase order and deposit, we will provide you with a Design for Manufacturability/Moldability (DFM) study report, which will include a mold flow analysis and suggested or required modifications to the part design.

5 / MOLD DESIGN

About three to four days after the design issues (if any) are addressed, we will send you the approved DFM report. We will send you the approved DFM report. If there are any issues, they will be addressed at this time, any necessary modifications will be made, and another DFM report will be generated. Then, once the design is approved, we will submit a proposed mold design (based on the approved DFM report) to you. The mold design will show all of the dimensions of the part, including the number of cavities, the parting line(s), the cavity layout, any necessary repairs, so production interruptions are kept to a minimum. Additionally, our in-house tooling department handles many of our customers’ molds in order to keep them in optimal working condition and to improve the tooling lifespan. Also, our in-house tooling department handles many of our customers’ molds in order to keep them in optimal working condition and to improve the tooling lifespan.

6 / TOOLING SAMPLES

Once the mold design is approved, the tooling process begins, and a prototype part is made. The prototype part is also known as the first article. The first article is a prototype part that is made to confirm the dimensional accuracy of the parts and to validate proper mold function. As soon as the tooling samples are made, we will ship them to you. Once the samples arrive, we will contact you to discuss the results. If the first article is approved, we will then begin production. If the first article is approved, we will then begin production.

7 / FIRST ARTICLES

Once the first article is approved, customers receive a purchase order and deposit. After the first article is approved, we will begin production. Once the first article is approved, we will begin production. If you decide to purchase tooling from us, all we need from you is a purchase order and deposit. As our quote contains the lead times, payment terms, and any clarifications.

8 / PO + DEPOSIT (PARTS)

After the First Articles are approved, customers submit a purchase order and deposit. After the First Articles are approved, customers submit a purchase order and deposit. If you decide to purchase tooling from us, all we need from you is a purchase order and deposit. As our quote contains the lead times, payment terms, and any clarifications.

9 / PRODUCTION

Our standard PMP process typically takes about six to eight weeks to complete. After the first article is approved, we will begin production. Once the first article is approved, we will begin production. If you decide to purchase tooling from us, all we need from you is a purchase order and deposit. As our quote contains the lead times, payment terms, and any clarifications.

10 / ONGOING

As part of our services, we perform complimentary preventive maintenance as often as necessary. In order for us to provide the best service possible, we will contact you at least once a year to review the status of your parts. If you have any questions about your parts or if you would like to place an order, please contact us. If you have any questions about your parts or if you would like to place an order, please contact us.

Precision Molded Plastics

© 2019 Precision Molded Plastics, Inc.