

Frequently Asked Questions

Q: How do I know if injection molding is the right process for my product?

A: The geometry of the part, the amount of parts needed, your tooling budget and the application the part is being used for will all influence your decision to injection mold the part.

Q: What type of information is required for quoting a molding project?

A: Please complete our initial RFQ form. After that we'll need more specifics like the annual quantity needed, material preference, part prints or CAD files, part samples (if available), description of part application, time frame for prototype parts, and time frame for production parts.

Q: What are your criteria for a new molding project?

A: Since we are a high volume molder, we require a minimum of 1 million parts, an item that can be made using the injection molding process as well as an item that can be made from a material that can be injection molded.

Q: What part size limitations do you have?

A: Generally, not much bigger than 10" x 10" x 10". Our specialty is small parts in the range of 3" x 3" x 3" and smaller.

Q: What material should I use for my project?

A: Most material is application specific. If you don't have a material selected for your application, we can help and offer some guidance. Often several resins can be sampled, but the customer has final approval before proceeding.

Q: What is the typical process of a new project?

A: We will evaluate your part design and modify it to be efficiently injection molded. Then, we will build the mold for the part. Next, your mold will be put into an injection molding press to make production parts.

Q: How long does it take to build an injection mold?

A: It depends on the complexity of the parts. Simple molds can be completed in several weeks. More complex molds could take several months. At The Rodon Group, we precision build molds that will last under the pressures of a high production environment.

Q: Do you offer prototype tooling?

A: Yes, but only to evaluate the prototype part prior to producing production tooling. We do not build prototype tools as a service. We are a high volume molder and the amount of production parts from a prototype tool is limited.

Q: What types of molding services do you offer?

A: We produce high volume production parts, we design the mold for production, create the mold, and manufacture the production parts.

Q: Do you offer extended molding services such as assembly, packaging or decorating?

A: We offer some packaging at the press, but do not offer custom packaging, decorating or assembly at the press. Additional secondary operations can be performed by approved 3rd party vendors with whom we work.

Q: How can you beat China pricing?

A: Globally competitive prices and elimination of offshore risks add up to a delivered part price that makes Rodon the envy of our industry throughout the world. See our Cheaper than China comparison chart to see how "Rodon Beats China Pricing" and why we're your best choice for high-volume, custom plastic injection molding.

Q: Do you offer a standard parts line?

A: Yes, we have an assortment of standard caps, plugs and fasteners as well as hose washers. You can reference our complete line of standard products through our online catalog.