

The injection molding process

1. The feeding of a polymer through hopper to barrel
2. Barrel heated with the sufficient temperature to make it flow
3. The molten plastic which was melted will be injected under high pressure into the mold the process is commonly known as Injection
4. After injection pressure will be applied to both platens of the injection molding machine (moving and fixed platens) in order to hold the mold tool together afterwards the product is set to cool which helps it in the solidification process.
5. After the product gets its shape the two platens will move away from each other in order to separate the mold tool which is known as mold opening and finally the molded product is ejected or removed from the mold. And the process will repeat itself.

