


Producing Plastic Products:

- 1) injection molding: where a liquid polymer is forced into a mold and allowed to cool to form a particular shape

 <http://www.youtube.com/watch?v=eUthHS3MTdA>

- 2) Extrusion: material is usually forced through a die in a continuous manner.

- 3) Blow Molding: Using air pressure and heat to enlarge a small preformed billet into a larger mold shape

 http://www.youtube.com/watch?v=T01i_vp2mJE

- 4) Calendering: Sheets of plastic are made by forcing the material between pairs of rollers that are rotating in opposite directions

4) Compressing molding: Used for thermosetting plastics that uses heat and high pressures to form shapes within molds

5) Cast: material is poured into a mold and allowed to cure

6) Thermoforming: Sheets of thermoplastic are heated and then reshaped by forcing them against or into a mold