

Recommendations for injection molding

- Required amount of pellets: XX kg pellets per material, to be defined with the customer
- Injection molding of thermoplastics or elastomers is only possible if the material can be processed on conventional injection molding machines with 4 heating zones and open or shut-off nozzle (no thermosets, silicones, 2K systems, foams and Fluoropolymers).
- In addition we require the material composition according to systems of designation and information about any additives like glass fibers, carbon fibers or minerals and their % content.

For injection molding, we need the following information:

- Material Safety Data Sheet (MSDS) in English or French (Without MSDS no processing possible)
- Technical data sheet (TDS) in English or French
- Type of polymer (e.g. PC, PA66, PBT)
- Drying conditions if needed (Drying time [h], Drying temperature [°C])
- Processing parameters (processing temperature, mold temperature, cooling time, injection speed, holding pressure)