

## **Prior to Transfer**

- 1. Collect all specifications such as sample parts, drawings, critical dimensions, qualification criteria, aesthetic issues/concerns
- 2. Perform full sample part (i.e. as molded, as machined) inspection and prepare report for customer, discuss non-conformances with plan to resolve
- 3. Review any quality problems that need to be addressed, non-conforming reports and/or areas for improvement
- 4. Determine type of tooling
  - Stand alone or MUD tooling, number of cavities
  - Oil heat or electric, number of zones
  - Mold dimensions and weight, photographs
  - Unscrewing mold
  - Tooling CAD files
  - Special press requirements, hot or cold runner
  - Nozzle radii and orifice sizes, knockout locations
  - Any tool repair or maintenance concerns
  - Shrink fixtures, gauging tools to be included
  - Core pulls
- 5. Agreed upon secondary operations to be performed
- 6. Press tonnage/shot size
- 7. Process set-up sheets, if available
- 8. Prepare quotation and qualification plan timeline

## **Upon Tool Transfer**

- 1. Examine any tooling drawings, if available
- 2. Upon receipt, full inspection of tool, fixtures, cleaning, etc.
- 3. Report findings and present plan to repair and refurbish tool or proceed to sampling
- 4. Identify critical dimensions or attributes to develop manufacturing process around
- 5. Sample tool and perform 1st article inspection, report findings
- 6. Customer feedback, part qualified or plan for improvement
- 7. Determine control dimension capability index
- 8. Implement plan for improvement and resubmit
- 9. Part qualification complete
- 10. Compare estimated costs to actual costs to highlight any unforeseen variances
- 11. Determine path forward

## **Part Specific Questions**

To be decided based on the customers needs.







