|  |  |  |
| --- | --- | --- |
| Company:       | Contact:       | Date:       |
| **PROCESSING CONDITIONS** | Part Description:       |
| Resin Type:       | Melt Index #:       | Matl. Solids Density:       |
| Total Shot Weight:       | Screw RPM:       | Back pressure:       | Inj. Speed:       |
| Screw recovery time:       | Injection forward time:       | Overall cycle time:       |
| Melt decompression distance:       | Melt temperature:       | How measured?       |
| **Barrel Temp Settings:** |
| (Set point): | Rear Zone #4       | Zone #3       | Zone #2       | Front Zone #1       |
| (Actual): | Rear Zone #4       | Zone #3       | Zone #2       | Front Zone #1       |
| **MACHINE DATA** | Make:       | Model:       | Serial No.:       |
| Inj. Capacity (PS):       | Inj. Unit #:       | Clamp Tonnage:       | Max. RPM:       |
| Screw Diameter:       | L/D Ratio:       | Stroke of Injection Unit:       | Max. Inj. Pressure:       |
| Existing Screw Design:       | Tip Design:       | Screw & Barrel Matl:       |
| OBJECTIVES:       |



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **A)**  | **B)**  | **C)**  | **D)**  | **E)**  |
| **F)**  | **G)**  | **H)**  | **I)**  |  |

Thank you for completing our Injection Screw Design Questionnaire.

Please email to neil@coopertech.com.