



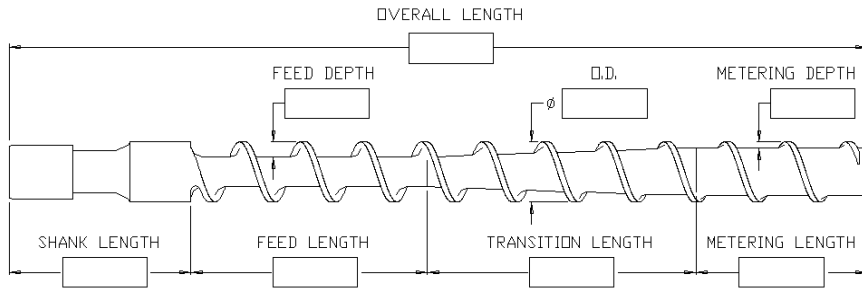
Application Questionnaire Injection Molding

MACHINE SPECIFICATIONS

O.E.M. _____ Model # _____ Serial # _____ Inj. Unit# _____
 Year Mfr. _____ Clamp Tonnage _____ Rated Shot Size (oz. PS) _____
 Max. Injection Stroke Length _____ Max. Screw RPM _____ Max. Injection Pressure _____

EXISTING SCREW DATA

Screw O.D. _____ Current Design: General Purpose Barrier Mixing
 Other _____



Screw Construction Materials _____

PROCESS CONDITIONS

Resin(s) Processed _____ Additives/Color _____
 Overall Cycle Time _____ Shot Size (oz., grams) _____ Screw Recovery Time _____
 (including runner)
 Cooling Time _____ Operating Injection Pressure _____
 Barrel Temperature Settings:
 (Set Point): Rear _____ Center 1 _____ Center 2 _____ Front _____
 (Actual): Rear _____ Center 1 _____ Center 2 _____ Front _____
 Back Pressure _____ Screw Speed (RPM) _____ Melt Temperature _____
 Melt Decompression? Yes No If yes, distance _____ Scrap Level _____
 Problems with job? List: _____

DESIRED PERFORMANCE

What do you expect from a coated feedscrew? _____

PAST PERFORMANCE

What has been the life of present screws in this process? _____ months.
 What is the maximum wear condition of these screws? _____ mm at lowest point. In which zone? _____
 Wear is to screw outside diameter only Y/N or wear of the screw core/root is also present? _____

CLEANING PROCESS

Method used to clean _____

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