

Profile Extruder Specifications

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Vol. 27 #3, December 2000

Extruder specifications for a tight process capability must include three critical areas of consideration: First the temperature control on the barrel is paramount for a stable process. Many PLC's (Programmable Logic Controller) exceed requirements, however, PID instrumentation will also hold a +/- 1 degree F on barrel control. Secondly, a tight Drive Control coupled with a motor capable of holding .01 percent speed control with one percent drift is available. Thirdly, the screw design should be specific to the thermoplastic being extruded "the days of the GP (general purpose) screw are limited if tight tolerances need to be met."

- Dan Cykana, Bemis Mfg. Co.

See also:

- Profile die for PVC and HIPS

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