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PURGING PROCEDURE FOR INJECTION MOLDING Accumulators



Preparation Before Purging

- 1. Empty resin from machine.
- 2. Increase accumulator temperature/manifold temperature by 100°F to 120°F (40°C to 50°C) without exceeding 520°F (270°C).
- 3. Load Purgex[™] into hopper.
 - **Note:** When purging accumulators with Purgex[™], use at least 3 times the accumulator weight capacity. For example, if accumulator holds 20 lbs use at least 60 lbs of Purgex[™].

Purging The Machine

- 1. Fill accumulator to capacity with Purgex™.
- 2. Allow Purgex[™] to soak for 15 minutes.
 - Note: For highly contaminated systems or after very long runs, a longer soak time may prove to be beneficial.
- 3. Empty Purgex[™] from the accumulator with continuous, sequential flow.
- 4. Refill accumulator and empty until no Purgex™ remains, followed by the next production resin.
- 5. Reset accumulator temperature to process settings.
- 6. Begin production.

Comments & Recommendations

- Purgex[™] is stable and is safe to leave in the barrel for long term shutdowns.
- Purgex[™] can be used effectively in many ways. These procedures are offered as a reference and have been shown to be the most effective in plant trials and our controlled lab experiments.
- Purgex™ should be thoroughly tested on any process following these basic guidelines as a baseline before using any alternative method.

