FNS-175
START-UP RECOMMENDATIONS

**TPO**

<table>
<thead>
<tr>
<th>Barrel Temperatures</th>
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<tr>
<td><strong>Nozzle</strong></td>
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<td>410° F / 210° C</td>
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For harder to fill parts the temperatures may have to be increased. Keep lower temperatures in the rear zones to allow venting through hopper.

**Melt Temperature**
Maximum temperature with a hand pyrometer should be 390° F to 440° F.

**Mold Temperature**
Typically 80° to 100° F.

**Injection Pressure**
The preferred range is 50 to 60% of machine capacity. Pressure should be sufficient to fill the mold without hesitation or flashing.

**Holding Pressure**
Setting should be lower than boost pressure with a minimum amount of time to prevent over-packing of the part.

**Injection speed**
Slow to medium speed to prevent excessive shear on the material.

**Cushion**
Maintain at 0.25”-0.5” (6-12mm) to provide enough material for consistent parts.

**Decompression**
Use only when necessary to prevent nozzle drool.

**Screw RPM**
Screw should stop 1 to 2 seconds before mold open. A lower RPM is preferred for mixing and uniform melt temperature.

**Drying**
Material should be dried for a minimum of 2 hours and a maximum of 4 hours at 212° F (100° C).

Disclaimer: The user assumes all risk and liability concerning the use of these recommendations.