EKX-700 HF
START-UP RECOMMENDATIONS

<table>
<thead>
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<th>TPO</th>
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**Barrel Temperatures**

<table>
<thead>
<tr>
<th>Nozzle</th>
<th>C1</th>
<th>C2</th>
<th>C3</th>
<th>C4</th>
</tr>
</thead>
<tbody>
<tr>
<td>400°F</td>
<td>360°F</td>
<td>380°F</td>
<td>400°F</td>
<td>410°F</td>
</tr>
<tr>
<td>200°C</td>
<td>180°C</td>
<td>195°C</td>
<td>200°C</td>
<td>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 420°F to 470°F.

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

**Injection Pressure**
The preferred range is 20 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 5-10mm 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.

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