## C406

### START-UP RECOMMENDATIONS

<table>
<thead>
<tr>
<th>Filled Polypropylene</th>
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</thead>
<tbody>
<tr>
<td>Nozzle</td>
<td>C4</td>
<td>C3</td>
<td>C2</td>
<td>C1</td>
<td></td>
</tr>
<tr>
<td>420º F / 215º C</td>
<td>430º F / 220º C</td>
<td>410º F / 210º C</td>
<td>390º F / 200º C</td>
<td>375º F / 190º C</td>
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</tbody>
</table>

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 380º F to 440º F (193º C to 227º C).

### Mold Temperature

Typically 80º to 100º F (27º C to 38º C).

### 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 10-20mm 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 212º F (100º C).

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