

Processing Guidelines

PPC3GF1- (Any Color)

Pressures

| | |
|-----------|----------------|
| Injection | 600 - 1600 psi |
| Holding | 150 - 900 psi |
| Back | 075 - 125 psi |

Injection Speed

1.0 - 2.5 in/s

Temperatures

- Barrel Zone 1 420-450 °F
- Barrel Zone 2 420-450 °F
- Barrel Zone 3 430-460 °F
- Barrel Zone 4 440-470 °F
- Nozzle 440-470 °F
- Hot Runner 440-470 °F
- Mold 60-160 °F
- Hydraulic Oil Temperature 110-125 °F

Material Drying is typically not required but for some thin walled parts drying may be required. If needed dry at 160 – 190°F for 1-2 hours.

Machine/Shot Information

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|-----------------------------------|----------------|
| Shot Capacity vs. Barrel Capacity | 2.5 to 4.0 |
| Cushion | 1/8" to 1/4" |
| Screw Decompression | 0.10" to 0.25" |

Clamp Tonnage should be 2.5 to 4.0 Tons per square inch of projected part area.

If you have any questions or require further processing information, please e-mail the Technical Service Group @ TechService@washpenn.com