Valve Pin Velocity Control

- Controlled Plastic Flow
- Improves Part Quality
- Saves on Material Loss
- Improves Production Efficiency
ADVANCED SEQUENTIAL MOLDING PERFORMANCE

The INCOE SoftGate® system is an enhanced feature that precisely controls the opening phase of the valve pin. This allows for the “gradual and controlled” flow of plastic into the cavity reducing or eliminating the negative effects of blemishes, and weld lines that can occur with uncontrolled plastic flow.

DESIGN

a) Control Module
b) Valve pin and tip insert
c) Valve pin position
d) Timer for recording pin open time

FUNCTIONS

- Precise control of valve pin opening time
- Each valve independently adjustable

FEATURES

- Valve pin velocity control for gate systems
- Adaptable to DF Gold 12, 18, 22 and 25 series

BENEFITS

- Controlled plastic flow at each gate
- Reduced pressure peaks during valve gate opening
- Prevent hesitation marks during sequential injection molding
- High-quality molding surfaces
- Easily retrofitted to your existing INCOE valve gate system
- Simple operation

*Schematic and/or altered depiction, errors and omission excepted.