



Request for Quote – Moldflow Analysis

Company: _____	Date: _____
Address: _____	Part Name: _____
City, State, Zip: _____	Part Weight: _____
Contact Name: _____	<input type="checkbox"/> Please provide a 3D Part Model Preferred file formats: stp, x_t, igs, stl
Phone: _____	<input type="checkbox"/> Please provide the gate location If submitting an E*Fill analysis (Guaranteed 24 hour results)
Email: _____	

Resin Information

Resin Family: _____	Filler (if appl): _____
Resin Manufacturer: _____	MFI Value: _____ g/10 min
Resin Name/Grade: _____	MFI Test Cond: _____ °C Kg

Processing Information

Melt Temp: ** _____	°C / °F	** If processing temperatures are not known, the manufacturer's recommended default temperatures will be used in the analysis.
Mold Temp: ** _____	°C / °F	
Injection Time: *** _____	sec	*** Please enter the injection time only if known or estimated from similar part experience. Otherwise, the optimum injection time will be determined through the analysis.
Max Injection		
Machine Pressure: _____	psi	

Analysis Objective

Intrepid Plastics Solutions – Analysis Options Overview

E*Fill- E*Fill is our basic Moldflow offering, used for evaluation purposes. Results are guaranteed in 24 hrs. Typical capabilities include:

Molding window ~ Filling pattern ~ Pressure to fill
Weld Lines ~ Air traps ~ Part Temp Distribution
Cycle time and Clamp tonnage (filling phase only)

C*Flow- C*Flow is our more comprehensive analysis option, to aid in process, part, and mold design/optimization. Typical capabilities include:

Gate location ~ Cold runner sizing ~ Family balance
Sequential valve gating ~ Wall thickness evaluation
Material Selection ~ Core Deflection ~ Insert Molding
Overmolding ~ Packing ~ Cooling ~ Warpage

For a complete view of our consulting services, please visit us at www.IntrepidPlasticsSolutions.com