

Velocity has the experience to evaluate and accept tooling transfer projects. With our in-house toolroom and our experienced tool makers and engineers, we will review the current tool function and condition.

After the initial review, we will provide a quotation and perform any needed repairs / corrections to prepare the mold for sampling and requalification. You will be updated throughout the transfer process on the status of repairs, product sampling, inspections and manufacturing logistics.

Please complete the form and click the submit button below.

Date: _____
Program Name: _____
Planned Transfer Date: _____
Customer Part Number: _____
Market Segment: _____

Customer Name: _____
Contact Name: _____
Contact Email / Phone: _____
Part Revision: _____

BACKGROUND QUESTIONS

Cavitation _____
3D mold design available? _____
2D mold layout (including BOM) available? _____
Part print available? _____
Part database available? _____
Does the mold run automatic or is an operator needed? _____
Number of cycles the mold has run: _____
Mold classification: _____
Pictures of the mold: _____

If a mold drawing is not available:

Mold base size (inches)? (X, Y, Stack-up) (Example: 12 x 20 x 15): _____
Does the sprue bushing have a 1/2 radius? Is the bushing locked? _____
Locating ring size? _____
Knock out size and locations (English or metric)? _____
Waterline diagram (sizes of the water fittings (core, cavity and slides))? _____
Hot runner system / controller configuration? _____
Valve gates - air / hydraulic? _____

MOLD PART QUESTIONS

Plastic material used? _____
Sample parts and runner provided prior to tooling arrival
or when tool is transferred? _____
Is process sheet available? _____
EAU of the parts and monthly release quantities? _____
Latest FAI inspection data provided? _____
Packaging instructions included? _____
Any purchased components for the product? _____
Current scrap rate: _____
Number one reason for scrap: _____
Any known NCMR (Non-Conforming Material Report): _____

CURRENT MOLDED PARTS PRESS INFORMATION

Current press size and shot size? _____
Any press auxiliary equipment needed (EOAT, hot runner controller, etc.)? _____
Reason for the program transfer? _____

INSPECTION VALIDATION QUESTIONS

Are there cleanroom requirements? If so, cleanroom classification? _____
Validation requirements? _____
Will last production samples be provided? _____

FIXTURE AND GAGE QUESTIONS

Inspection fixtures required and provided? _____
Any other fixtures provided? _____
Gage and fixtures drawings provided? _____

NEXT STEPS

Our team will follow-up with you after they have reviewed the document.
Thank you for considering Velocity for your tooling transfer needs.

SUBMIT

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