



Home of Scientific Molding

The following items are available for purchase. They were derived from and are integral parts of the Scientific Injection Molding Strategies for world class molding. They are *concise* procedures that have provided clients significant savings.

Scientific Molding Sales Items	Cost in US\$
On-Site Seminars, 3 or 4 days with at-the-press training; IR, cavity, process monitoring equipment as well as a special training mold available. Glass mold videos that will shake you to your processing core. Minimum charge may apply	Call for quote
Qualifying test for molding proficiency. An objective tool to benchmark your processors. Targeted for current, new or potential processors; 10 pages. Price is for 1 test, and duplication is not allowed. Quantity discounts possible.	Test only \$25.00 Graded \$55.00
Troubleshooting Guide SPECIFIC for Scientific Molding	\$125.00
Procedure for Developing A Viscosity Curve, (On Machine Rheology); this helps to optimize filling the mold; 5 pages	\$75.00
Viscosity Curve Spreadsheet Calculation and Graphing, (On-Machine Rheology) works with Microsoft's Excel; this automatically calculates and plots the viscosity curve. Also includes velocity linearity, Gate seal, Pressure loss bar charts, Delta P, Load compensation and % to hydraulic psi calculations. Site license fee.	\$395.00
Procedure for Optimizing Cycles, helps establish the best cycle and includes the elements of a Universal Set-up sheet; 3 pages	\$225.00
Velocity Control in Injection Molding; How do you set 1 st stage pressure.	\$25.00
Procedure for Determining Gate Seal: helps establish gate seal time and proper setting of 2 nd stage time and pressures; 2 pages	\$99.00
Nozzle tip insulator, Stops use of cardboard, can eliminate cold slugs & stringing. Do not use for hot runner molds. Possible to reuse. 1" square	\$1.25 each
Injection Molding Machine Checklist, helps you specify the molding machine you need; 3 pages	\$250.00
Universal Setup Sheet; Spreadsheet software that allows a process to be transferred to one machine to another, hydraulic or <i>electric</i> . Setup a process once. Site license fee.	\$1,395.00
Profit Improvement Calculating Spreadsheet. Available Free from website	Free

Quote valid for 30 days, routine mailing fees are included, express shipping will be additional, 28 October 2017

Send PO # via mail, fax, email, to:

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Injection Molding Solutions and John W. Bozzelli believe the information and recommendations within these aids and software are accurate and reliable as of 28 October 2017. However, since proper use and conditions of use are not within their control there is no warranty or liability assumed, express or implied and no guarantee provided. If unsatisfied with the product please, call or write for a full refund.



There are two spreadsheets: The Viscosity Curve Spreadsheet and The Universal Setup Sheet. The Viscosity Curve Spreadsheet costs \$395.00 and is a process optimization procedure that has several tools to help define your process; it contains:

- 1. Viscosity Curve
2. Velocity Linearity
3. Pressure Loss for cold runner tools
4. Pressure Loss for hot runner tools
5. Pressure Loss for hot to cold runners tools
6. Gate Seal
7. Reynolds Number
8. Percent Hydraulic pressure to PSI hydraulic pressure
9. Conversion table for cubic inches or cubic cm to stroke inches or mm
10. Delta P
11. Load compensation

The Universal Setup Sheet is a unique setup sheet that documents the process in plastic variables and makes the conversion of these variables to any other appropriate machine for that mold. Cost is \$1,395.00.

These are for single site license; that is good for one location or building, NOT per computer. Any additional site or building needs another purchase. Buy both for \$1,475. If you would like a custom package price, make a list of items you would like, then call or email your request.

Thank You for your order!

Total to be charged \$ _____

Credit Card Purchase Form

Email Address: _____
Name on Credit Card _____
Credit Card Number _____
Expiration date: _____ CVV # _____

I need the address for where the credit card bill is sent. Please make sure this is correct; I am charged extra if it is wrong. Thank you!

Receipt? Yes NO Emailed to _____

Questions welcome: John@ScientificMolding.com

Thank You!

Quote for sale items docx