

# Beaumont Technologies, Inc.

World Leader in Mold & Process Optimization Technologies



News @ BTI

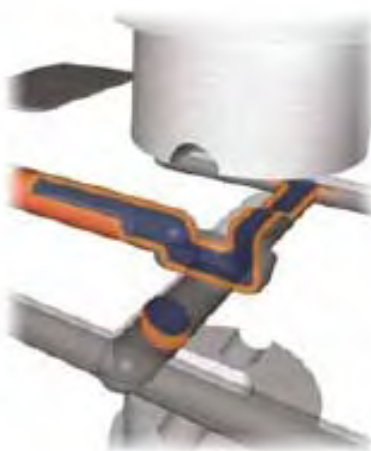
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## Opti-flo™

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## "Back to Basics" Training Classes Being Offered

Polymer Center of Excellence  
8900 Research Drive, Charlotte, NC 28262

### Practical Rheology

Tuesday, May 16, 2006

Learn how the science of polymer chemistry and behavior affects your injection molding process and part quality.

#### Topics Include:

- Polymer Bonds
- Laminar Flow
- Shear Rate & Shear Stress
- Viscosity
- Molecular & Filler Orientation
- Stress Development & Warpage
- Three Stages of Processing
- Effects of Process Changes



Participants receive a copy of the 361-page hardcover book, "Successful Injection Molding", a \$129.95 value.

#### For reservations, contact:

Fred Phillips,  
Beaumont Technologies, Inc.  
704-545-4000 ext. 134  
[fphillips@beaumontinc.com](mailto:fphillips@beaumontinc.com)

You can also register online by using the following link:

[http://www.beaumontinc.com/register\\_form.html](http://www.beaumontinc.com/register_form.html)

### Runner & Gating Design

Wednesday, May 17, 2006

The significance of having a properly designed melt delivery system is often underestimated, as it can have the largest effect on part cost and quality.

#### Topics Include:

- Injection Pressure
- Stress Development
- Volumetric & Linear Shrinkage
- Gate Location Selection
- Hot vs. Cold Runners
- Gate Types and Designs
- Runner Configurations
- Runner Shapes and Sizing
- Filling Imbalances
- Material Degradation



Participants receive a copy of the 286-page hardcover book, "Runner & Gating Design Handbook", a \$129.95 value.

#### Cost per day:

\$395 per person for one employee  
\$355 per person for 2-4 employees  
\$325 per person for 5+ employees  
**\*Attend both classes and receive a 15% discount**

## MOLDMAKING2006

ENGINEER, BUILD, REPAIR expo

**Location:** Novi Exposition Center, Novi, MI

**Date:** April 25-26, 2006

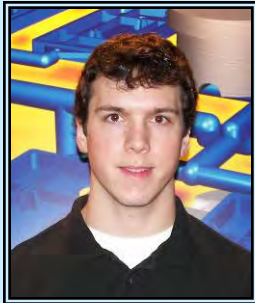
**Booth #:** 941

**Bonus Technical Seminar:** BTI will be presenting a technical seminar titled "In-Mold Process Control – Managing the Plastic Flow Front within the Mold Design" (Tuesday, April 25th from 4:00pm-5:00pm, **session 17**).

### BTI Hires New Customer Service Engineer

Beaumont Technologies has added to its staff by appointing Josh Glessner to the position of Customer Service Engineer due to continued company growth.

In his new position, Mr. Glessner will be providing technical assistance and service to many of BTI's customers worldwide. "Josh has interned with us for more than a year. He is a technically strong, friendly and an experienced addition to our staff, and already known by many of our customers," says David Hoffman, BTI's Global Director of Technical Sales & Marketing.



A native of Blairsville, PA, Josh will join BTI full time, effective May 15th, 2006. He joins BTI with a soon-to-be earned B.S. Degree from Penn State, Erie, in Plastics Engineering Technology. Glessner notes, "I'm grateful to have been given the opportunity to work with Beaumont Technologies full time. On top of the continual learning experience that this position provides, the staff here is like a big family, and working with great people makes the job even better."

### See Our New Technologies Working on a 1944 Injection Press

**NPE2006**  
**McCormick Place, Chicago, IL**  
**Date:** June 19-23, 2006  
**Booth #:** 11224 in McCormick Place East



Come see firsthand that our technologies are not limited by the press you run or the other technologies you use. In-mold rheological control systems are even versatile and robust enough to control filling imbalances on a 1944 hand-crank injection press.

### Come Visit Us at NPE2006

**McCormick Place, Chicago, IL**  
**Date:** June 19-23, 2006  
**Booth #:** 11224 in McCormick Place East



### New Product Launch

BTI will introduce new in-mold rheological control technologies in their **booth # 11224 (East Hall) at NPE**. The new systems enable processors to better control and take advantage of the viscosity changes that occur in as the material flows through the mold. Users can easily optimize mold balance and filling patterns to and within a single cavity or multi-cavity mold...all without changing gate location, part geometry, or process settings, and without ever having to take the mold out of the press.

The basic premise of the rheological control systems is founded upon the company's renowned MeltFlipper® and MAX™ technologies. Visit BTI's booth to learn more and see these technologies at work.

### 5 Step Process Software Update

Injection molders and moldmakers seeking to debug and commission molds more quickly than ever before can now turn to the 4<sup>th</sup> generation of the **5 Step Process™** mold balance analysis software from Beaumont Technologies, Inc. (BTI).

The new, more versatile, **1.2 version** will be demonstrated by BTI at the **NPE Booth #11224**. Because of the speed at which users can now analyze problems in molds using this approach, the software promises to pay for itself in the first or second application. Typical debugging only takes a few hours, not days or weeks, according to software users. The 5 Step Process software can be purchased for as little as \$500 per seat.

Additions to the upgraded 1.2 version of the software include:

- 12 new cavity layouts
- a new and improved "look" and layout
- other internal program enhancements



### Upcoming Events

Join BTI in these upcoming events to see how we continue to revolutionize the plastics industry!



**BTI Training Classes**  
 Polymer Center of Excellence  
 8900 Research Drive  
 Charlotte, NC 28262  
 Date: May 16-17, 2006  
[www.beaumontinc.com](http://www.beaumontinc.com)



**MoldMaking Expo 2006**  
 Novi Exposition Center, Novi, MI  
 Date: April 25-26, 2006  
 Booth #: 941  
[www.moldmakingexpo.com](http://www.moldmakingexpo.com)



**NPE2006**  
 McCormick Place, Chicago, IL  
 Date: June 19-23, 2006  
 Booth #: 11224 in McCormick Place East  
[www.npe.org](http://www.npe.org)



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**Beaumont Technologies, Inc. (BTI)**, the exclusive licensor of MeltFlipper® melt rotation technologies, is the world leader in mold & process optimization technologies. MeltFlipper® technologies are 100% GUARANTEED to solve your problematic filling imbalances to ultimately achieve reduced scrap rates, faster cycle times, quicker time to market, and increased process efficiencies.

Our core products (**MeltFlipper®**, **5 Step Process™**, **CAE by BTI™**, and **BTI Training™**) are successfully being used to help produce parts to Six Sigma quality standards in a vast array of industry segments. Contact BTI today and give us the opportunity to help your company become more profitable through our mold and process optimization tools – with **NO NEW CAPITAL EQUIPMENT REQUIRED!**

Please visit [www.beaumontinc.com](http://www.beaumontinc.com) for more details.