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Home » News » Details

News@BTI Volume X, Issue IV - October 2010

Oct 29, 2010 | Posted in News

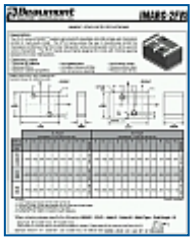
BTI...Where the INDUSTRY Goes for ANSWERS

CAE Mold Filling Simulation * Plastics Professional Series Training Seminars * Rheological Control Systems * Mold Diagnostic Software * Consulting / Troubleshooting * Molding / Sampling

Inside the Newsletter

- Updated 'Rheological Control System Catalog' now available
- Sizing runner systems: constant vs. variable runner sizes
- An understanding of shrink and warp in plastic parts
- NPE 2012 – Breaking the Mold
- PLET Advisory Board meeting

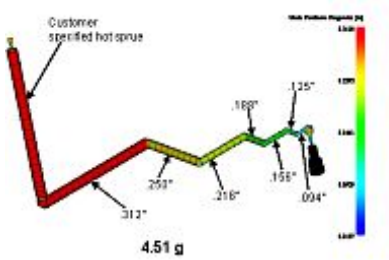
Updated 'Rheological Control Systems' Catalog now available.



The Rheological Control Systems catalog has been updated to reflect changes to various mold inserts options for iMARC (In-Mold Adjustable Rheological Control) mold inserts.

The changes eliminate previous concerns over installation errors while maintaining the integrity and performance of the inserts. If you have not received a copy of the updated catalog, please contact your BTI Applications Engineer and one will be sent to you immediately. If you are interested in acquiring a catalog for mold design reference, please contact BTI directly or visit Rheological Control Systems

Sizing runner systems: constant vs. variable runner sizes



Mason Myers, application engineer for BTI, will be presenting at the Pittsburgh PA SPE Chapter on November 12, 2010. Taking a few pages from BTI's DesignPro training seminar, runner sizing techniques will be discussed in detail using industry standard practices

and CAE flow simulation. Discussions will take into account such things as packing requirements, filling pressures, material volume and cycle time. After all, the filling of your part cavity starts with a melt delivery system. As such, we need to be taking a closer look at good runner sizing practices and how it can go a long way in saving molders time and money.

Time: 12:00 Noon – 3:00

Location: Penn Hills Comfort Inn, 699 Rodi Road, Pittsburgh PA

Price: All events are $20.00 forSPE members, $25.00 for non-members

RSVP: pgh.spe+rsvp@gmail.com

More Info at:www.4spe.org/communities/sections/s29.php

An understanding of shrink and warp in plastic parts

John Beaumont, president of BTI, will be presenting at the Erie PA SPE Chapter on February 17, 2011. John will bring a classroom environment to the discussions to heighten the understanding of the attendees regarding the fundamental principles of plastic flow, mold design, part design, and processing as related to their influence on shrinkage and the resulting warpage of a plastic part.

NPE 2012 – Breaking the Mold

Yes, it is that time again. Time to begin thinking about NPE 2012. It seems the show no sooner ends and we begin preparations for the next show coming 3 years later. As such, BTI has committed to 600 ft^2 of booth space (with hopes of adding more depending on booth location) at NPE 2012. NPE has changed venues for the first time in show history since 1971. The new location is Orange County Convention Center • Orlando, Florida USA. Show dates are April 1-5, 2012. Stay tuned for further updates as the show draws near.

PLET Advisory Board meeting

BTI consistently hires interns, co-ops, and full time employees from the Plastics Engineering Technology program at Penn State Erie, The Behrend College. As such, BTI has been participating in the PLET Advisory Board for several years. The purpose of the board meetings is to give new direction to the program based on company needs driven by global changes within the plastics industry. Input from the PLET Advisory Board has already lead to several positive changes within the curriculum as discussed by the PLET faculty during the last meeting on October 6th.

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