



on the various technology innovations the mold company has developed, hot runners “are a challenge.” He notes that there “are lots of patents on hot runner systems, however Top Grade Molds has “a good many patents” on its hot runners.

“We build something that’s specific to our market niche, which is primarily molds for thin wall packaging and containers of all sizes for the IML process for many of the Fortune 100 food producers, says Plut. “About 95% of all the molds we build have our hot runner systems in them.”

Dynisco serving from pellet to part, around the world

Clare Goldsberry

DYNISCO INSTRUMENTS, A PROVIDER of measurement and control solutions for extrusion and other plastics pro-

cesses where pressure and temperature are critical, is promoting its new sensors, instrumentation, control and analysis products in **Stand 10G20**.

While Dynisco has long been known for its discrete pressure and temperature sensors and controls for extrusion, injection, and blowmolding processes, the company’s latest strategy is aimed at integrating process and quality control solutions.

“A key part of that solution has been the introduction of several new products that can help our customers achieve better control over the extrusion process, reduce downtime and minimize scrap,” said Dynisco Plastics Segment VP Matthew Carrera. “Getting more out of the process, more efficiently, is the way to save money and address sustainability goals.”

Dynisco’s new Opt-Trol System is an affordable, expandable, integrated extrusion control system that combines adaptive, autotuned temperature, pressure and speed control as well as differential control and process-variable with a user-friendly color touch-screen operator interface.

“Opt-Trol represents the latest in temperature and pressure control and can be used as a retrofit on older equipment to upgrade them,” said Michael Swanton, sales manager UK/Europe. As Dynisco moves from discrete controls to integrated ones, we provide statistical analysis that you can’t get with discretely.”

SPX-Sensors are smart 4-20 mA pressure transmitters that include Temperature Compensation, a feature that reduces pressure-reading drift due to changes in ambient temperature by as much as 80%. “Dynalarit, a Dynisco innovation, uses a special algorithm to linearize the pressure signal and compensate for variability that can occur due to interference in the processing environment. There are many different temperatures in the transmitter, and with greater accuracy demanded in processing, the SPX-Sensor senses the temperature at the tip and also the ambient temperature—temperatures all along the zone.”

Many customers are doing more materials testing in-house, so Dynisco has stepped up to meet those requirements with its

VTM Dynamic Mechanical Analyzer for Polyolefins. The VTM uses advanced software to develop a wider range of rheological data more easily and more quickly than similar systems.

The Laboratory Capillary Rheometer is designed to meet the demands of a 24-hr/day shop floor operation, and provides accuracy, repeatability and sensitivity. The rheometers are versatile and easy to use.

The LMI is the first melt-flow indexer to use a 32-bit microprocessor to provide test parameter control, self-diagnostics, and digital calibration. The LMI comes in four models designed to meet specific applications.

Additionally, Dynisco announced that as the world begins coming out of the economic recession, Dynisco is poised for growth in Europe and the Middle East. “We seeing a strong uptick in our European business,” commented Lorenz Kirberich, sales manager Europe for Dynisco’s Plastics Segment. “Large resin producers, compounders, and finished product manufacturers in Germany and elsewhere are renovating their extrusion lines, and that means they are buying new instrumentation. I think this is a very strong indicator that they industry is recovering rapidly.”

The company is hiring new managers in the various regions of the Middle East to work locally with existing distributors and customers. “Getting closer to the customers is and leveraging our strengths in existing sales and service structure, adding new products and personnel will position Dynisco to become a complete solutions provider,” stated Swanton.

Thermoformers offered free infrared heat testing at K 2010

By Adrian Lunny

HOPEFULLY THERMOFORMERS AT THIS show remembered to bring a piece of sheet or film with them. Infrared heating supplier **Ceramicx (Stand 11A01)** is offering free tests to help characterize the process heat performance for plastic sheet and film, free of charge, at its K 2010 stand.

Ceramicx just completed building an infrared heating test rig and brought it to Düsseldorf. According to Ceramicx founder and managing director Frank Wilson, “The time is right for many energy- and cost-conscious plastics processors to make the



Hot stuff at Ceramicx’s stand: infrared heaters in the spotlight. The free infrared heat testing of plastics sheet has been a significant draw to the Ceramicx stand in Hall 11. Tadhg Whooley (left—red shirt) demonstrates the infrared heating technology to a visiting delegation.

GREEN FLEXIBLE PACKAGING IS NOW A REALITY

I'm green

- New concept from Brazil to the world: Shrink and Stretch films from a renewable raw material*
- Latin America Stretch Film leader
- Pioneer in Nanolayer Films
- Distribution center in Cologne/ Germany

*Green PE by **Braskem**, from sugar cane

EuroPackNE
STRETCH FILM
www.europackne.com.br

PACKTEC GmbH
FLEXIBLE PACKAGING
www.packtecgbmh.com

VISIT US HALL 07A – BOOTH 7AD29 | YOUR VISIT IS IMPORTANT TO US