

Discover the Difference.

# Using Dyna-Purge® E2, Injection Molder lowers purging costs by over 80%.

## SITUATION

IDM (I Do Machining) provides high quality, rapid turnaround machining services for clients worldwide from their state-of-the-art shop in Elmira, NY. The company specializes in precision injection molding, working with a variety of resins for primarily the medical market. IDM utilizes BOY and Engel injection molding machines with 32mm screws, operating at barrel temperatures from 540° F to 700° F.

Rick Kent, Manager at IDM, said the facility purges the equipment on a daily basis and runs a wide range of resins including LDPE, ABS, Nylon, PEEK and PPS. **Running short runs of 100 to 200 parts was becoming costly, with high scrap rates, long machine downtimes, and lengthy changeovers.**

## SOLUTION

**Rick Kent noted that switching to Dyna-Purge® E2 has resulted in far less downtime and significantly lower scrap rates.**

"We had been using glass filled polycarbonate to purge which resulted in high fallout," Kent explained. **"Using Dyna-Purge® E2 lowers scrap rates from hundreds of parts to 20 or less for big savings."**

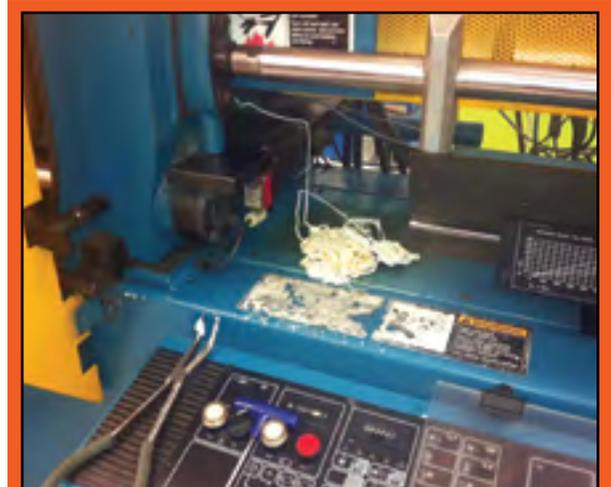
## RESULTS

- Purging times are **reduced from about 1-1/2 hours to just 10 minutes**
- Scrap rates **reduced from hundreds of parts to 20 or less**
- Total cost to purge **reduced from nearly \$370 to under \$70**

New Dyna-Purge® E2 was developed as part of the company's continuous product innovation program. Visit [www.DynaPurge.com](http://www.DynaPurge.com) and click on the New Dyna-Purge® E2 button to download the independent study on our newest purging compound.



Using **Dyna-Purge® E2** on a daily basis for resin and color changes lowers scrap rates for big savings at IDM.



IDM saves as much as \$300 per purge and reduces machine downtime by more than an hour per machine using **Dyna-Purge® E2** in their state-of-the-art facility.



Shuman Plastics, Inc.

35 Neoga Street ■ Depew, NY 14043 USA

Phone: 716-685-2121 ■ Fax: 716-685-3236

E-Mail: [info@dynamurge.com](mailto:info@dynamurge.com)

Dyna-Purge® and Productivity Begins with Purging® are registered trademarks of Shuman Plastics, Inc.

[www.dynamurge.com](http://www.dynamurge.com)