

A new level of purging.

Custom Injection Molder reduces purging costs 66% with Dyna-Purge® D2 – “it is the best commercial purging compound we have ever used.”

– Rob Caruana
Cell Engineer
Currier Plastics, Inc.

SITUATION

Since 1982, Currier Plastics has been custom molding for a variety of industries including plastic packaging, beauty and cosmetics, household consumables, electronic connectors and medical measuring devices. Their facility in Auburn, NY operates six injection stretch blow molding (ISBM) machines to produce clear PET bottles. The machines are purged 1 to 5 times per week to flush out color after a color run. According to Currier Plastics Cell Engineer Rob Caruana, the company had tried different purging products in the past but none worked to their satisfaction. Instead, they were running PET through the machines until the color cleared up – an expensive and time consuming process. “Some colors could take as much as 15 boxes of PET to clear out,” reported Rob.

SOLUTION

Currier Plastics began to use Dyna-Purge D2 purging compound after color runs and before production of the PET bottles. “We are using Dyna-Purge D2 and running it through the hot runner,” Rob said. “The D2 works a lot better.” The company now uses only 5 pounds of Dyna-Purge D2 during changeovers, with downtime being reduced by two-thirds. Based on these results, Currier has begun using Dyna-Purge D2 to purge its extrusion blow molding (EBM) machines.

RESULTS

- Currier Plastics **realized overall savings of 66%** using Dyna-Purge D2.
- Downtime was **reduced from 60 minutes per purge to 20 minutes.**
- Dyna-Purge D2 **performs double-duty** as it is also being used in the company’s EBM equipment.
- Scrapped parts were **reduced by 80%** switching to Dyna-Purge D2.



Currier Plastics operates six ISBM machines to produce PET bottles and purges up to five times per week.



Dyna-Purge D2 provides a money-saving solution for the company’s ISBM machines as well as EBM equipment.

SHUMAN
Dyna-Purge®
Discover the Difference

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CASE STUDY