

A new level of purging.

"The New Dyna-Purge® D2 reduced machine downtime by more than 50%."

- Hugo Beltran
Senior Molding Engineer
Molex Corp.

SITUATION

Molex Corporation is a leading supplier of interconnect products, from electronic, electrical and fiber optic interconnects to switches, plugs and cordsets. The company's facility in Juarez, Mexico produces a number of electrical products utilizing Sumitomo Electric Molding presses with screw size ranging from 18mm to 50mm, and operating at barrel temperatures of 550° F.

Molex had been using Dyna-Purge® M purging compound with great success when their representative asked them to sample the New Dyna-Purge® D2.

Hugo Beltran, Senior Molding Engineer at Molex, said the company purges the machines on a daily basis, at every mold changeover, color change, and over the weekends. They run a variety of resins such as Nylon, ABS, PC, PP, PVC, PBT and PET.

"We were using Dyna-Purge® M for shutdown and start up, and it helped us reduce purging time by 15% and increase machine productivity about 30%," Hugo Beltran explained. "When we ran the sample of the New Dyna-Purge® D2 we experienced even better performance – it reduced machine downtime by more than 50%."

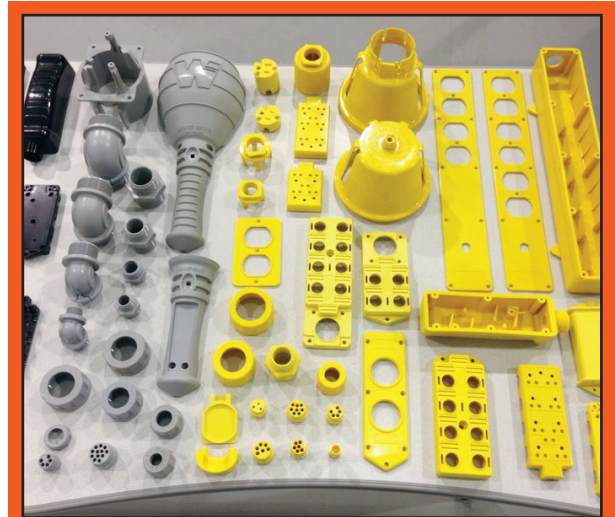
Molex is a low volume, high mix facility, resulting in a number of difficult purging challenges. These include color changes such as transitioning from black PVC to clear PC. Also, changing from high temperature to low temperature materials – and vice versa – can cause problems such as blocked nozzle tips.

The New Dyna-Purge® D2 will allow Molex to start producing quality parts faster and avoid wasting production material on contaminated parts.

RESULTS

- Machine downtime **reduced by more than 50%**.
- **Savings on raw materials** due to less purging compound needed.
- **Less scrap** from contaminated parts.

Contact us to learn more about the benefits of New Dyna-Purge® D2. Visit www.techspanonline.com for more information on the full line of Dyna-Purge purging compounds.



Using **Dyna-Purge® D2** helps Molex create high quality parts in less time and with less scrap.



Molex tested **Dyna-Purge® D2** in their state-of-the-art equipment and it reduced machine downtime by more than 50% as a result.



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CASE STUDY