

# Custom Injection Molder reduces scrapped parts tenfold with Dyna-Purge® D2 – “the formula is in a different league.”

– Mike Greathouse  
Account Manager  
Fiesta Plastics

## SITUATION

Fiesta Plastics of Mesa, AZ is a full service custom injection molder producing complex parts and assemblies for a wide range of end users from aerospace to artist supplies to non-implantable medical products. The company operates 16 injection molding machines, with cold runners and hot runners, utilizing all types of resins such as PP, PC, ABS, PE and Nylon. Fiesta purges during all color and material changes and was using a large amount of purge material to flush out previous colors, particularly with the hot runners. They had tried liquid compounds and resin additives to no avail.

## SOLUTION

Fiesta Plastics tested Dyna-Purge® D2 and discovered the difference this engineered purging compound delivers. “Dyna-Purge® D2 formula is in a different league when comparing to the purging compounds we have used in the past,” says Mike Greathouse, Account Manager. **“Using Dyna-Purge® D2, we have reduced color change time to less than two minutes, significantly reduced purge material, and improved start-up drastically.”**

Mike Greathouse also noted that the company’s set-up techs and supervisors are now able to spend less time purging and have more time to get more important tasks done.

## RESULTS

- Using Dyna-Purge D2 has reduced scrap parts 10 fold.
- Contamination when using virgin materials has been nearly eliminated completely.
- Reduced color changes to less than 2 minutes.
- Dramatically reduced the use of purging compound due to effectiveness of Dyna-Purge D2.



With Dyna-Purge® D2, set-up techs and supervisors at Fiesta Plastics spend a lot less time purging and have more time for more important tasks.



Fiesta Plastics has reduced scrap parts 10 fold with Dyna-Purge® D2, for improved productivity.



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CASE STUDY