

## 3D PRINTING PROJECT YIELDS QUICK RESULTS

**ABOUT UNITED PLASTIC MOLDERS, INC.** Based in Jackson, Mississippi, United Plastic Molders (UPM) is a full-service custom injection molding and tooling provider with complete design and machining capabilities. The company was founded in 1978 and remains one of the oldest molding companies in Mississippi. UPM owes much of its success to its loyal and dedicated customers, as the company has always depended on "word of mouth" advertising. Beginning with just six team members and four machines, UPM has since expanded to include six buildings and a workforce of approximately 60 employees.

**THE CHALLENGE.** UPM was developing a new kitchen product, and was in need of a quick prototype to evaluate and concept-test the product with its customer. For assistance, UPM Owner Bill Hoge decided to reach out to the local NIST MEP affiliate, the Mississippi Manufacturers Association (MMA) at the Mississippi Polymer Institute (MPI).

**MEP CENTER'S ROLE.** As is typical for 3D printing projects, the process moved very quickly. UPM provided its 3D design file to the MMA-MEP Center at MPI and did not have to wait long to receive a quote. Upon approval, the Center printed the part and shipped it overnight to UPM for a total turnaround time of three days. UPM delivered the prototype to the customer and moved forward with the product development process, generating a positive financial impact for the company.

"The MMA-MEP Center at MPI is doing a good job. They know what they are talking about and keep up with all of the latest technology in the polymer industry. If we have a problem, they are willing to spend the time to find the answer."

-Bill Hoge, Owner

## RESULTS



Prototyped a new kitchen faucet and delivered to customer in **3** days



Over **\$500,000** in capital improvement and new sales

## CONTACT US



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[www.mma-web.org/mep](http://www.mma-web.org/mep)

Mississippi Manufacturers Association

