



# AIMS

**ASSISTANCE FOR INJECTION MOLDING SUCCESS**

Conventus Polymers delivers the world's highest performance polymers for firearms applications and now introduces AIMS, a new service for firearms product developers. The AIMS service implements its parts design know-how and material selection expertise, along with its network of outstanding injection molders, to offer unique solutions for firearms designers and manufacturers from start to finish.

## **AIMS Goals**

- 🎯 **Maximize success for firearm designers and manufacturers wanting to:**
  - Metal to plastic conversion
  - Design new components that leverage the advantages and benefits of plastics
- 🎯 **Avoid potential project pitfalls**
  - Incorrect design principles required for injection molding of polymer components (vs. metals) that can result in poor product performance
  - Lack of knowledge of properties of polymers for firearm applications which often results in improper material selection
  - Suppliers who may lack experience in the unique characteristics of firearms quality and tolerance specifications

## **AIMS Service**

- 🎯 **Ability to advise and implement part design know-how and material selection expertise**
- 🎯 **Providing a network of injection molders to offering unique solutions from start to finish**
- 🎯 **Firearms manufacturers can be better informed on design regarding the characteristics of high-performance polymers, thus helping to ensure their product's success**

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

**CONVENTUS**  
BEYOND POLYMERS





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## About Conventus Polymers

Conventus Polymers is a global specialty thermoplastics distributor and formulator offering the broadest portfolio of high-performance and engineering polymers. Due to its highly focused approach within strategic vertical markets, the company offers deep expertise and forms close partnerships with industry leading OEMs to solve problems, develop new applications, and introduce the latest polymeric technologies. Conventus actively partners with producers that invest in and develop the world's next generation of thermoplastic materials. The company has a proven track record of bringing the latest resin technologies to its customers. It consults with its customers on new product introductions from design to material selection to supply chain.



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