



Engineering Plastic Injection Mold with ABS and Polypropylene Molded Parts

The accuracy of Origin One is perfectly suited to producing injection molds for many engineering plastic materials. The PerFORM HW from Somos offers Origin One users high heat deflection of over 280°C (536°F) and pairs that with a tensile modulus of 9000MPa, both characteristics make this material perfect for injection molding materials like ABS and Polypropylene. Origin One provides a platform for short run injection molding part production in just 90 minutes, a fraction of the time it takes to machine a similar mold. Molding shops can test fit and function in their initial mold designs or move straight into small run production using Origin One and Somos Perform HW.

System	Stratasys Origin® One P3™ DLP
Material	Somos® PerFORM HW Mold
Build Time	3 hours for 1 mold assembly/2 parts. 20 minutes to post process. Injection molding process in just seconds.
Material Used	73cc used for 1 mold assembly/2 parts