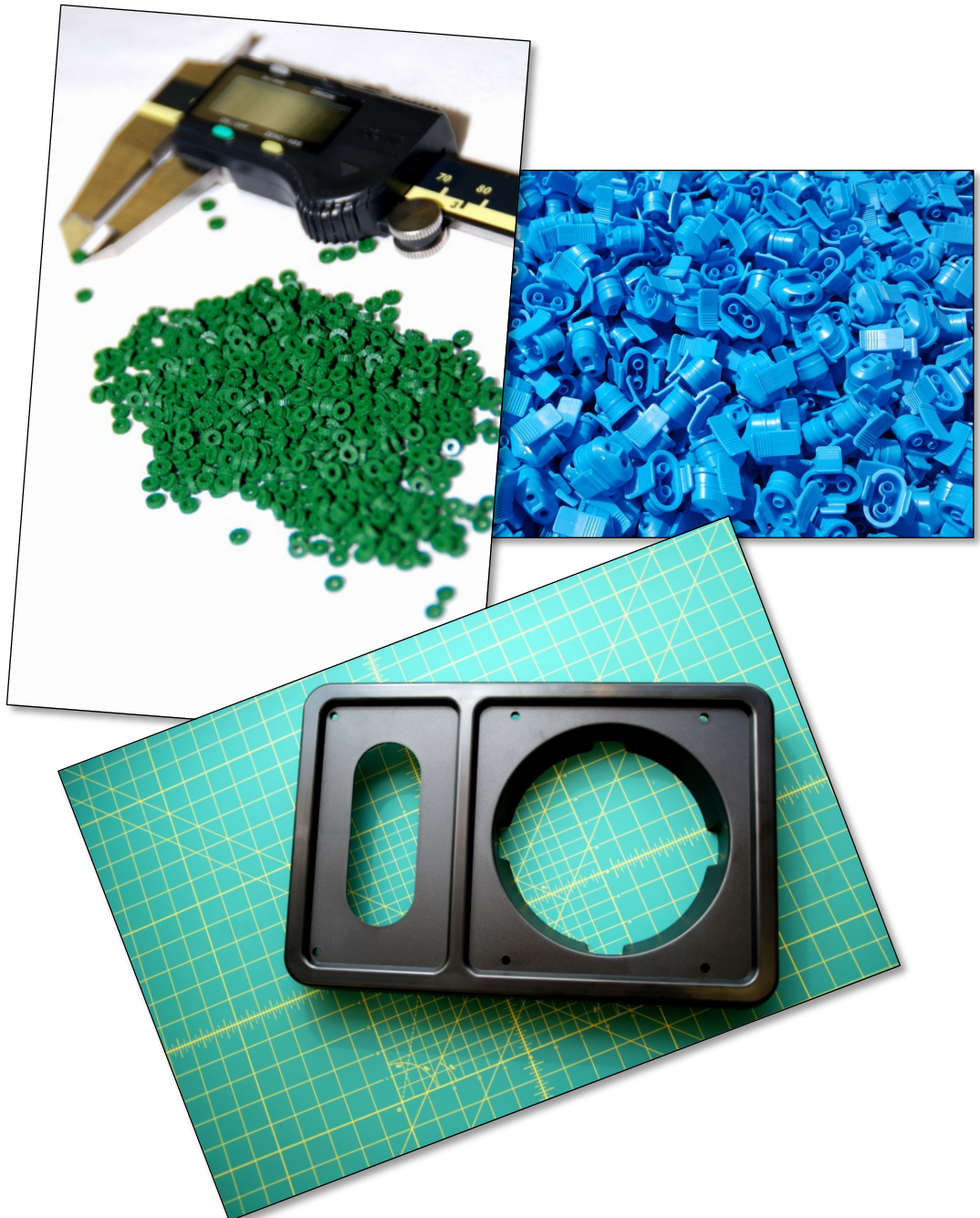




PRECISIONMOLDEDPLASTICS
Plastics Made Perfect™





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PLASTICS MADE PERFECT™

Precision Molded Plastics was founded and exists to provide its customers with the perfect solutions to fill all their injection molded plastic needs.

Whether a complete product or the component of a larger one, we are driven to determine, design and deliver parts that meet our high standards and exceed our customers' expectations. We work to pursue new ideas and innovations, to utilize modern equipment and technology, and to creatively solve problems and adapt -- all in an effort to continuously improve and to achieve the best injection molded part possible for each and every project.

CORE VALUES & COMPETENCIES

A fundamental distinguishing characteristic of enduring great companies is that they preserve a cherished core ideology while simultaneously stimulating progress and change in everything else. Put differently, the competencies associated with each core value are the essence of how we work to achieve our mission of providing people with the perfect solutions to fill all their injection molded plastic needs.

Professionalism

Customer Service Orientation | Accountability | Dependability | Respect | Interpersonal Skills

Knowledge

Professional Expertise | Developing Self | Continuous Improvement

Productivity

Prioritization | Quality Assurance | Efficiency | Initiative

Collaboration

Clear Communication | Teamwork | Analytical Thinking

Creativity

Innovation | Problem Solving | Adaptability



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INDUSTRIES WE SERVE

With nearly forty years of experience, Precision Molded Plastics has the ability to leverage an extensive knowledge base to ensure both successful product launches and long-term manufacturing. Some of the industries we serve and the typical applications we manufacture are as follows:

INDUSTRY SERVED	TYPICAL APPLICATIONS
Aerospace	Fuselage and seating components, fasteners
Agriculture	Spray nozzles, bin level and moisture detectors
Automotive	Wiring harnesses and connectors
Building / Construction Supplies	Epoxy dispenser systems, load bearing shims, concrete products
Consumer Goods	Sports bottles, clock components, pet products
Data / Telecommunication	Circuit board chassis and card guides
Defense	Various ITAR-restricted parts
Electronics	Switches, rheostats, potentiometers, conductive and dissipative devices
Farm / Equestrian	Fly control, horse shoe pads and wedges
Food & Beverage	Commercial beverage and condiment dispensing equipment, citrus slicers
Industrial	Cooling tower components, pressure gauge housings
Irrigation	Control valves, spray nozzles
Office / Retail POS	Wire grommets and management devices
Oil & Gas / Refining & Distribution	Tank level indicating, gas detection monitors
Medical Devices	Medical and dental disposables, diagnostic equipment components
Plumbing	Bathtub drain assemblies
Renewable Energy / Solar	Panel clips and fasteners
Window Accessories	Door and window screen components



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CAPABILITIES

Precision Molded Plastics offers comprehensive, custom plastic injection molding services. We can source and mold any grade of material from typical commodity grade plastics, to engineering, functional and structural grade materials in a variety of colors and formulations. In addition to injection molding, we offer many secondary services including ultrasonic welding, hot stamping, thermal transfer, pad printing, machining, and packaging. Our manufacturing processes are highly automated, which allows us to run a precise and efficient production floor with minimal overhead costs. These capabilities allow us to provide efficient and cost-competitive manufacturing services to our customers without sacrificing precision and quality. For more information about our custom injection molding capabilities, please see the list below.

General Capabilities

- » Custom Plastic Injection Molding
- » ISO 9001:2015 Certification
- » Contract Manufacturing
- » On-Site Warehouse
- » Clean Room Manufacturing

Production Capabilities

- » High Volume Production
- » Parts up to approximately 150 sq. in.
- » Lean/Six Sigma Certified
- » Multi-Component & Multi-Shot Components
- » Thin Wall & Close Tolerances

Molding Process Type

- » Injection Molding
- » Insert & Over-molding
- » In-Mold Decoration
- » Precision Machining
- » Clean Room (ISO 8 / Class 100K)

Secondary Operations

- » Ultrasonic Welding
- » Thermal Transfer
- » Hot Stamping
- » Pad Printing
- » Turnkey Assembly
- » Part Decoration
- » Machining
- » Packaging
- » Adhesives & Inserts
- » Hang-tags

Tooling

- » In-House Tooling Department
- » Domestic & Offshore
- » Class 105 to Class 101



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CAPABILITIES (Continued)

Materials

- » Commodity
- » Engineering Grade
- » Multiple Colors
- » Multiple Additives

Infrastructure & Systems

- » Robotics & Work Cell Automation
- » Infrastructure Redundancies
- » Statistical Process Control (SPC) Monitoring

Clamping Force

- » 15 Tons to 310 Tons

Shot Size

- » 0.75 Ounce to 22 Ounce

Quality

- » ISO 9001:2015 Certified QMS
- » Advanced Quality Assurance Procedures
- » Customized Sampling Plans

Part Decoration

- » Pad Printing
- » Thermal Transfer
- » Hot Stamping

Additional Services

- » Bar Coding
- » Labeling
- » Packaging
- » Sub-Assemblies
- » Engineering Services
- » Research & Development
- » Program & Inventory Management
- » Part Design
- » Mold Design
- » Design for Manufacturability (DFM) Studies
- » Mold Flow Analysis
- » Warehousing
- » Logistics
- » Distribution

Reporting

- » Statistical Process Repeatability
- » Failure Mode Effects Analysis (FMEA)
- » Internal & Supplier Corrective Action
- » Lot Code Traceability & Product Retains

Typical Lead Times

- » Production in Two to Three Weeks
- » Just in Time (JIT) Availability
- » Stock to Dock Availability



MATERIALS

Precision Molded Plastics provides custom plastic injection molding services by producing parts made with every thermoplastic that can be injection molded in any color using a variety of possible additives with any type of required surface finish or texture. The most common materials we work with are listed below.

Common Injection Molded Plastics	
ABS	PET
Acetal (POM; Celcon; Delrin)	Polycarbonate (PC)
Acrylic (PMMA)	Polyester (PBT; Valox)
ASA	Polyethylene (HDPE; LDPE; LLDPE)
EVA	Polypropylene (PP)
HIPS (High Impact Polystyrene)	Polystyrene (PS)
LCP	PPS (Ryton)
Nylon (Standard & Reinforced)	PVC
PC+ABS (Cycloy)	SAN
PC+PBT (Xenoy)	TPE (Thermoplastic Elastomer)
PEI (Ultem)	TPU (Thermoplastic Urethane)
PEEK	TPV (Thermoplastic Vulcanizate)

If there is a specific family, type or grade of resin you are looking for that is not listed here, please contact us, and we will advise as to its availability.



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OUR PROCESS

At Precision Molded Plastics, getting injection molded parts is as easy as PMP:

PROPOSAL

Initially, we obtain the requirements for a project, including the 3D files, dimensional tolerances, material specifications, annual demand, and other relevant information. Once it is determined that we are a good fit for the program, we will perform a cursory Design for Manufacturability/ Moldability (DFM) study of the parts and discuss any issues with the customer. After any issues are addressed and the drawings and files are finalized, we typically can prepare and present a proposal within three to five business days.

MOLD

Within a few days of receiving a purchase order and deposit, we provide the customer with a proposed mold design. Once that is approved, the mold building process begins, and we generally provide customers with tooling samples in about 45 days, depending on the complexity of the mold (our proposal will give a specific estimate of time). Once the tooling samples have been approved, it will take approximately four to six weeks for the mold to be completed, in our facility, and ready to be tested again.

PRODUCTION

About a week or so after we receive the mold and it has been cleaned, inspected and prepared for use, we produce First Article samples and send them to the customer. These samples are identical to the parts the customer will receive once the mold goes into production and are evaluated in every aspect. If there are any issues, they will be addressed at that time. Once First Article samples are approved, the mold is ready to go into production.



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CONTINUOUS IMPROVEMENT

The Precision Molded Plastics team is dedicated to continuously improving and to growing as a company and as individuals. As such, all of our employees participate in ongoing Paulson Training Programs, which are some of the leading courses in the industry.



INDUSTRY INVOLVEMENT

From its inception, Precision Molded Plastics has been active within the plastics industry, with our founder being a charter member of the Southern California chapter of the Society of Plastics Engineers. Accordingly, we are proud members of the following organizations:





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MADE IN USA

Since 1979, we have produced millions of parts and components here in the US for companies in a variety of industries. Additionally, PMP has worked with many American businesses looking at reshoring their manufacturing back to the United States, and we are proud members of the American Made Matters® organization, which is dedicated to educating consumers on the importance of buying made in USA products.



ENVIRONMENTAL SUSTAINABILITY

To demonstrate our commitment to a clean environment, Precision Molded Plastics has taken the Operation Clean Sweep® (OCS) pledge and is an OCS program partner to help control pellet, flake and powder loss worldwide.





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OUR COMMITMENT TO QUALITY

Throughout our history, Precision Molded Plastics has focused on producing superior products, on supplying technical expertise, and on providing friendly and helpful customer service. We have developed an ISO 9001:2015 certified quality management system and sophisticated proprietary programs, which assist us in every aspect of our business and enable us to plan, monitor, measure, analyze, evaluate, and implement actions in order to timely deliver conforming goods and to consistently achieve enhanced customer satisfaction.

Our commitment to quality shines through not just in the products we manufacture, but in everything we do.

WHAT SETS PRECISION MOLDED PLASTICS APART

- ✓ High volume production capabilities
- ✓ Precision molding of parts with close tolerances
- ✓ Responsive and knowledgeable customer service
- ✓ ISO 9001:2015 certified quality management system
- ✓ Proven track record of quality parts and timely delivery
- ✓ Part prices with no hidden or extra fees
- ✓ Free storage for active molds
- ✓ Easy mold transfers from other facilities
- ✓ In-house tooling department for quick repairs
- ✓ Complimentary preventative maintenance programs
- ✓ Inexpensive local delivery by our personnel and vehicles
- ✓ Environmentally controlled facility
- ✓ Lean manufacturing; Just-In-Time (JIT) production; Kanban systems
- ✓ Blanket PO's with stock-to-dock capabilities
- ✓ Secondary operations, decorating, assembly and packaging
- ✓ Proprietary information systems

Contact us for more information about our company and how we can help with your next or an existing program.



America

CERTIFICATE

The Certification Body of
TÜV SÜD AMERICA INC.

hereby certifies that

Precision Molded Plastics, Inc.
880 West 9th Street
Upland, CA 91786 USA

(see page 2 for additional locations)

has implemented a Quality Management System
in accordance with:

ISO 9001:2015

The scope of this Quality Management System includes:

**Design and Manufacture of Custom Injection
Molded Plastic Parts, Components, and
Tooling with Secondary Operations, Including
Insert Molding, Over Molding, Hot Stamping,
Thermal Transfer Decoration, Pad Printing,
Assembly, and Packaging**

Certificate Expiry Date: March 13, 2021

Certificate Registration No: 951 18 7404

Effective Date: March 14, 2018



Mark Alpert
Mark Alpert
Vice President, Business Assurance
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America

CERTIFICATE

Precision Molded Plastics, Inc.

**880 West 9th Street
Upland, CA 91786 USA**

Scope – Design and Manufacture of Custom Injection Molded Plastic Parts, Components, and Tooling with Secondary Operations, Including Insert Molding, Over Molding, Hot Stamping, Thermal Transfer Decoration, Pad Printing, Assembly, and Packaging

Processes – Entrepreneurial Operating System, Management Review/Internal Audit, NC/CAPA, Quality Control [Doc/Record Control; Inspection (In-Process, Final Release, Incoming); Training], Sales/Marketing, Design & Development/Tooling, Purchasing/Order Fulfillment/Customer Service, Injection Molding, Secondary Ops (Printing/Assembly) Warehousing, Shipping/Receiving, Maintenance, Information, Technology, Human Resources

Precision Molded Plastics, Inc.

**882 West 9th Street
Upland, CA 91786**

Scope – Warehousing

Processes – Warehousing

Precision Molded Plastics, Inc.

**884 West 9th Street
Upland, CA 91786**

Scope – Warehousing

Processes – Warehousing

Precision Molded Plastics, Inc.

**886 West 9th Street
Upland, CA 91786**

Scope – Tooling

Processes – Tool Room (Repair/Inspection of Injection Molds)

Certificate Expiry Date: March 13, 2021

Certificate Registration No: 951 18 7404

Effective Date: March 14, 2018



Mark Alpert
Mark Alpert
Vice President, Business Assurance

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