



**PQMOLD**.com

PRECISION TOOLING & MOLD SOLUTIONS

**Die Casting | Injection Molding | CNC Machining | Sheet Metal Stamping**

# COMPANY PROFILE

PQMold offers comprehensive manufacturing solutions by combining advanced engineering, precision tooling, and production expertise.

We specialize in plastic injection molds, die casting molds, sheet metal tooling, and high-precision machining, delivering reliable and efficient solutions tailored to industrial needs. From initial concept and design to final production, our team ensures each project is optimized for performance, durability, and cost-effectiveness.

With a strong focus on engineering and R&D, we support our partners at every stage of the process, minimizing risks and improving overall product quality. By integrating multiple manufacturing capabilities under one structure, PQMold acts as a flexible and dependable solution partner for complex projects.

Our goal is to provide consistent quality, fast response, and sustainable production solutions that meet the demands of global industries, especially in automotive and industrial applications.



# MANAGEMENT CONCEPT

At PQMold, our management approach is built on **engineering excellence, efficiency, and reliability**. We focus on delivering high-quality results by combining technical expertise with a solution-oriented mindset.

Each project is managed with a structured process, ensuring clear communication, strict quality control, and on-time delivery. Our team works collaboratively with customers and partners to understand project requirements in detail and provide the most effective and cost-efficient solutions.

We believe in continuous improvement, innovation, and long-term partnerships. By integrating engineering, R&D, and production under a unified management system, PQMold ensures consistency, flexibility, and sustainable success in every project.

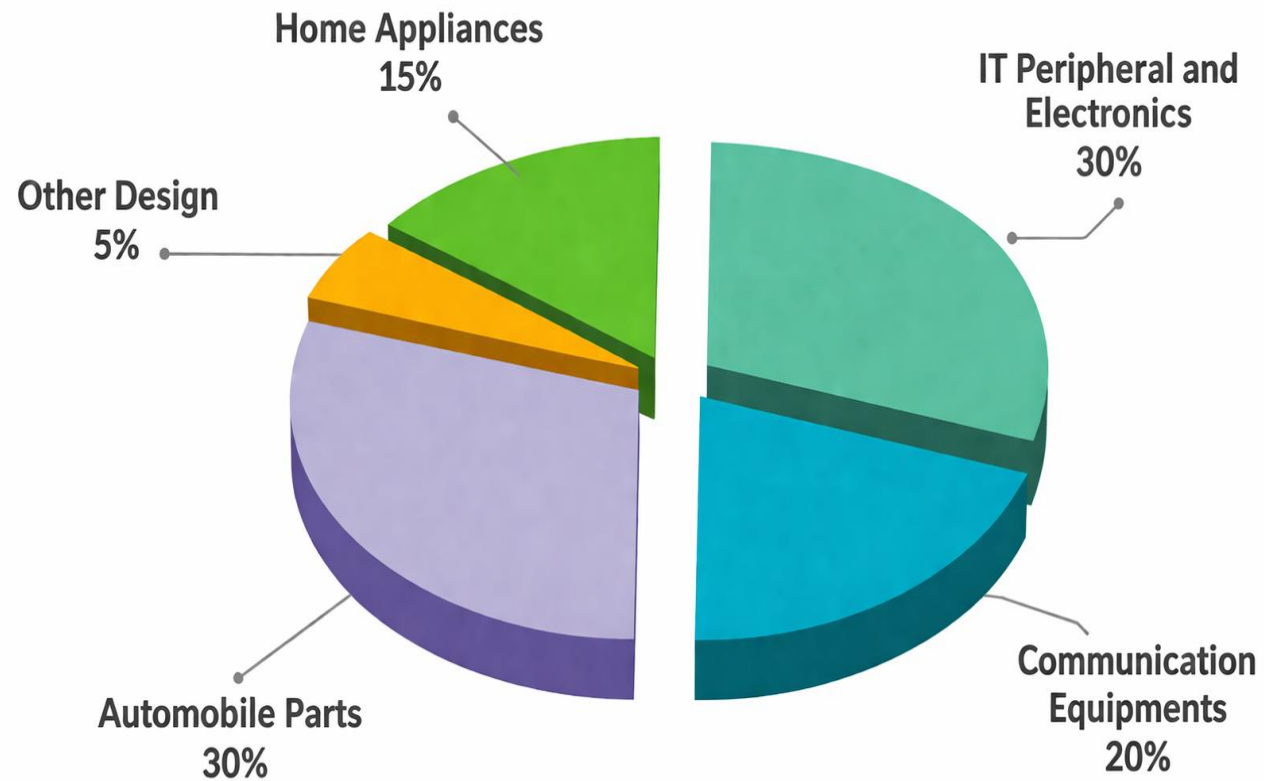
# PRODUCTION & QUALITY

At PQMold, production and quality are managed as a fully integrated process to ensure consistent and reliable results. We utilize advanced manufacturing technologies and precision machining systems to produce high-performance molds and components with tight tolerances.

Our production process is supported by strict quality control at every stage — from raw material selection to final inspection. Each project is carefully monitored to guarantee dimensional accuracy, durability, and long mold life.

With a strong focus on engineering and continuous improvement, we aim to minimize risks, reduce production errors, and ensure on-time delivery. PQMold is committed to delivering solutions that meet international quality standards and exceed customer expectations.

# OUR BUSINESS & CLIENTS



# R & D

- We don't just build molds — we power your automotive components.
- Precision-engineered tooling for high-performance plastic parts.
- Durability, consistency, and efficiency in every production cycle.
- Your reliable partner for automotive mold solutions.



## AUTOMOBILE APPLIANCE

We design and manufacture high precision injection molds for automotive plastic parts with reliability, durability and performance.



YOUR RELIABLE PARTNER FOR AUTOMOTIVE MOLD SOLUTIONS



WE PRODUCE THE MOLDS THAT DRIVE YOUR PARTS

- AUTOMOTIVE EXPERTISE
- PRECISION MOLDING
- COST-EFFECTIVE SOLUTIONS
- GLOBAL SUPPORT

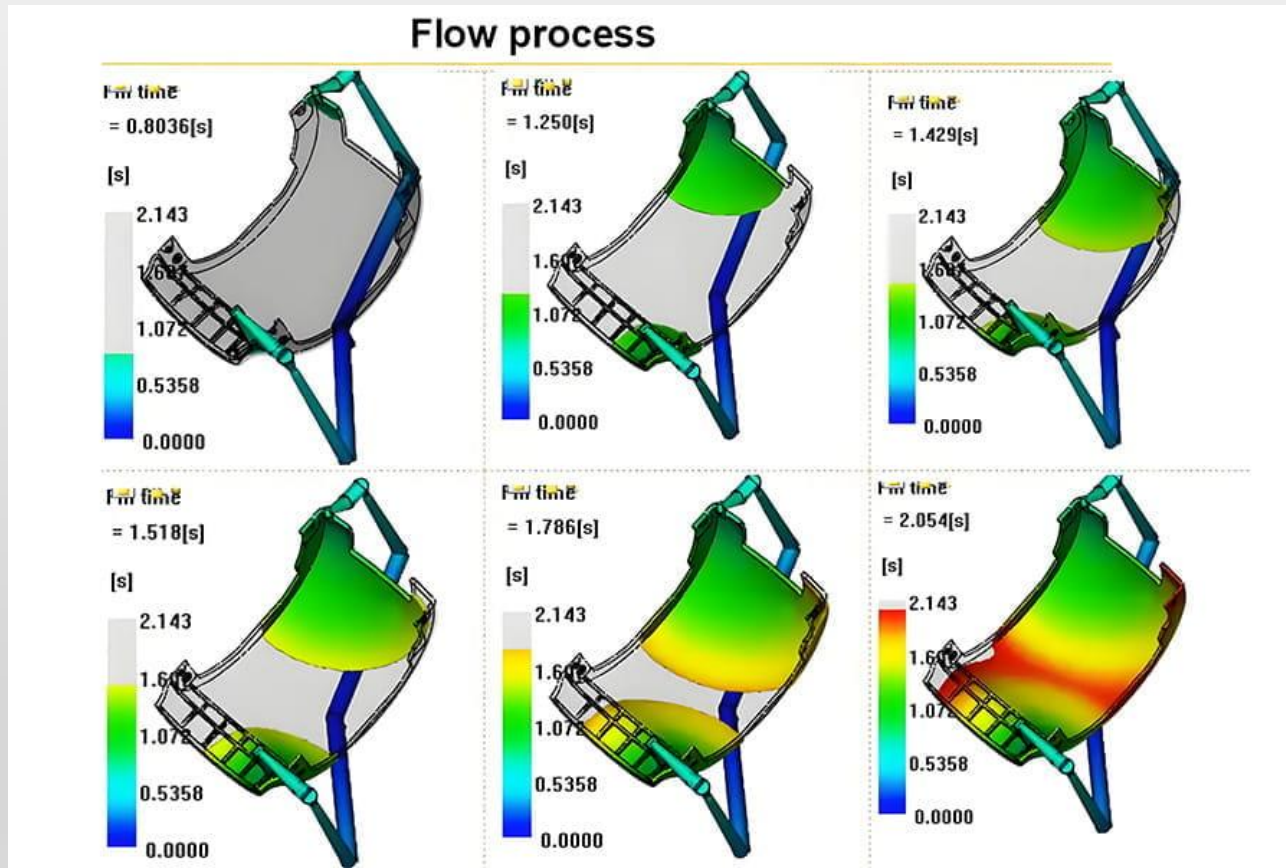
[www.pqmold.com](http://www.pqmold.com)

# OVERALL MOLD DESIGN

At PQMold, we approach mold design as a complete engineering process, focusing on functionality, efficiency, and long-term performance. Each mold is carefully developed based on detailed analysis of part geometry, material behavior, and production requirements.

Our design strategy ensures optimized cooling systems, balanced flow, and minimized cycle times, resulting in high-quality parts and stable mass production. By integrating engineering expertise with practical manufacturing knowledge, we deliver mold designs that reduce risks, lower costs, and maximize productivity.

# MOLD FLOW ANALYSIS



At PQMold, Mold Flow Analysis plays a vital role in developing high-performance molds for automotive plastic components. By simulating the injection process in advance, we analyze material behavior, flow balance, pressure, and temperature distribution to prevent defects such as warpage, sink marks, and air traps.

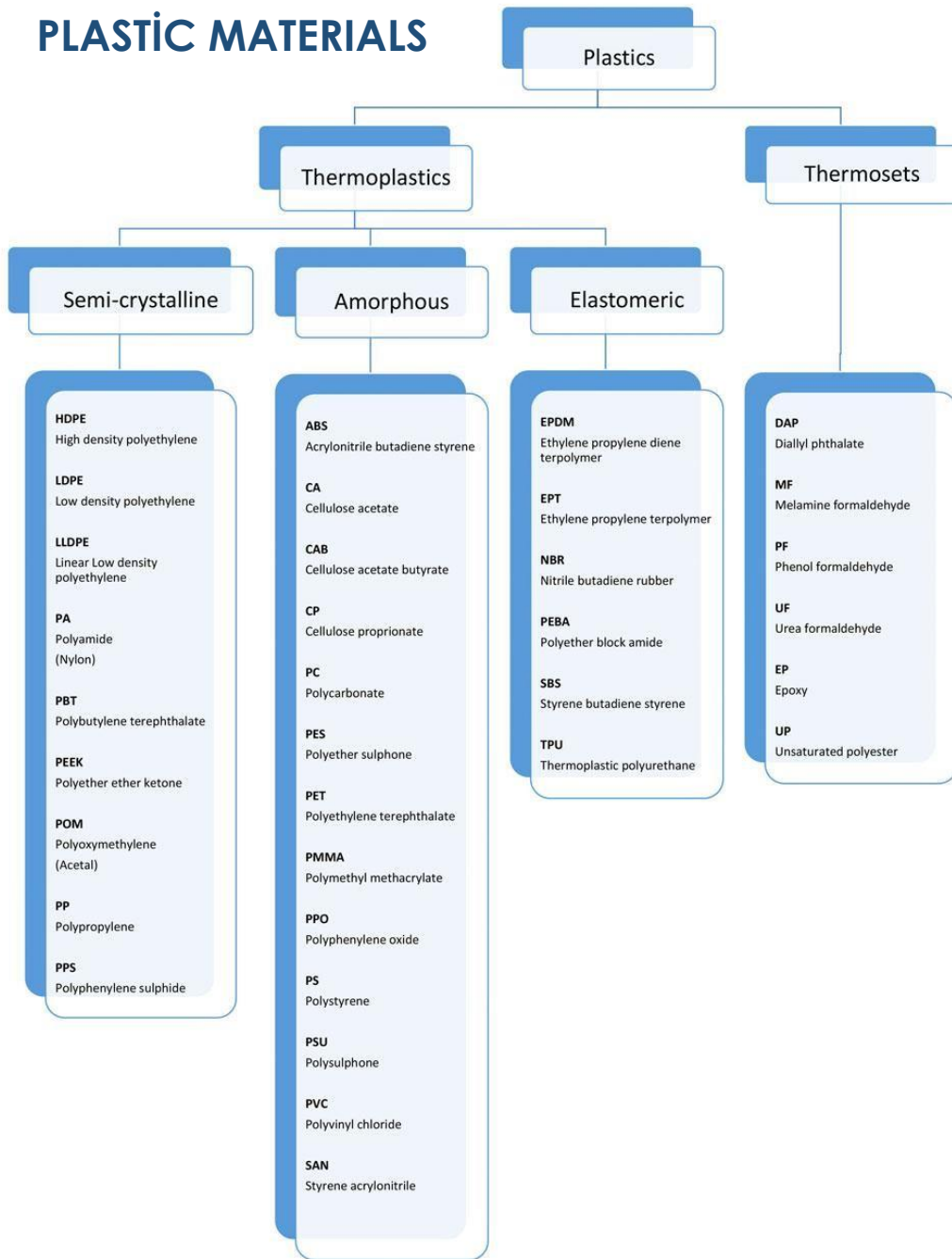
This allows us to optimize critical parameters like gate location, wall thickness, and cooling system design, ensuring dimensional accuracy, structural strength, and surface quality required by the automotive industry.

With this engineering-driven approach, we minimize production risks, reduce development time, and ensure stable, repeatable mass production for automotive applications.

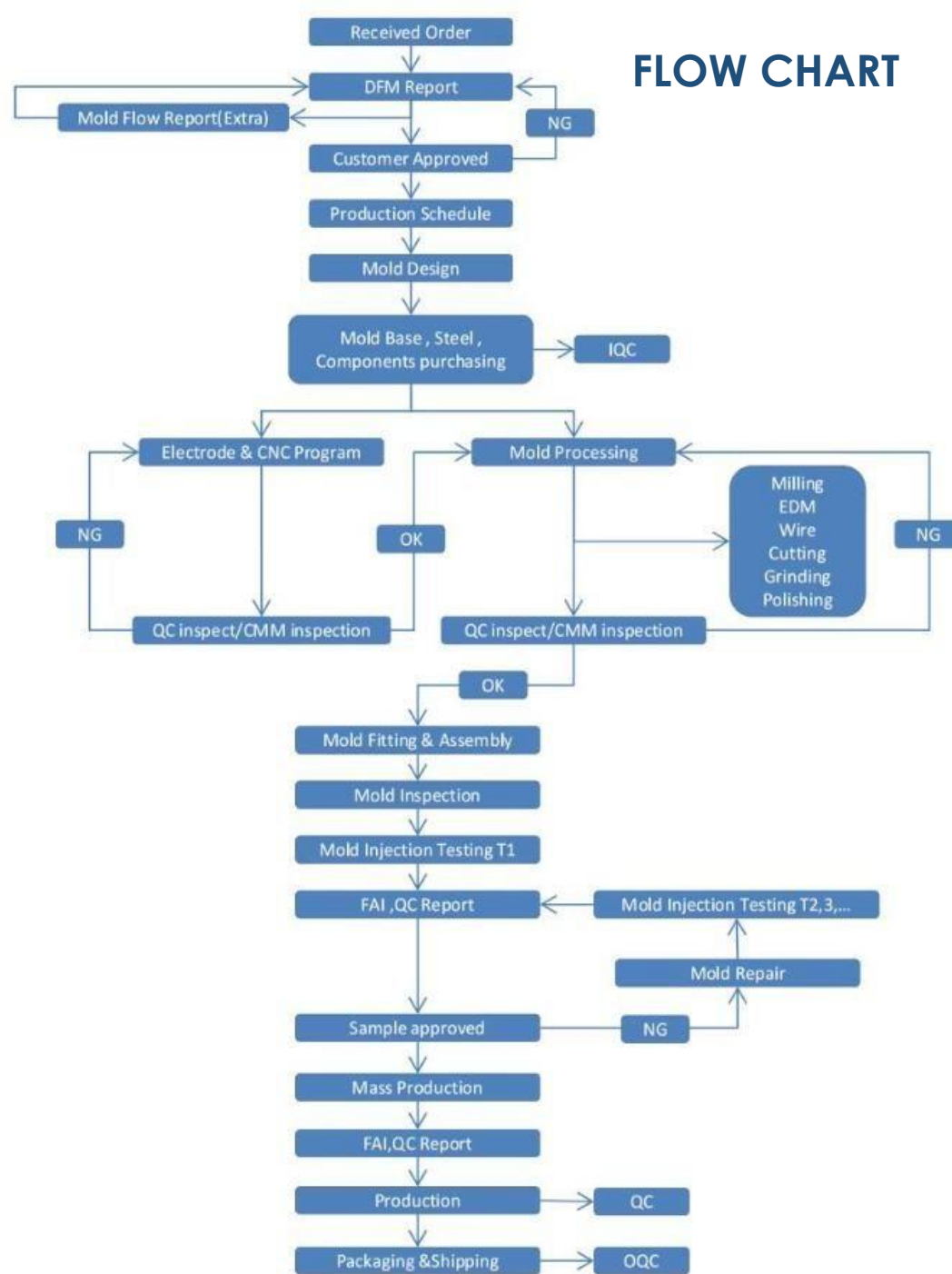
# DATA TRANSMISSION FORMAT

File Format :	Recommended format :	UniGraphic .part
	Other supported format :	Solidworks .sldprt AutoCAD .dwg .dxf .iges .stl .step
File compression :	To facilitate bigger and better data transmission , please compress the file with Winzip or WinRar before sending out the files	
Email transmission :	Email account : info@pqmold.com Attachments over 15MB will be blocked. Any file over 15MB please divide before sending or send through other methods.	
Whatsapp transmission :	( +90 ) 5344109316	
Should you require more details or other transmission method please don't hesitate to contact us at ( +90 ) 5344109316		

# PLASTIC MATERIALS



# FLOW CHART

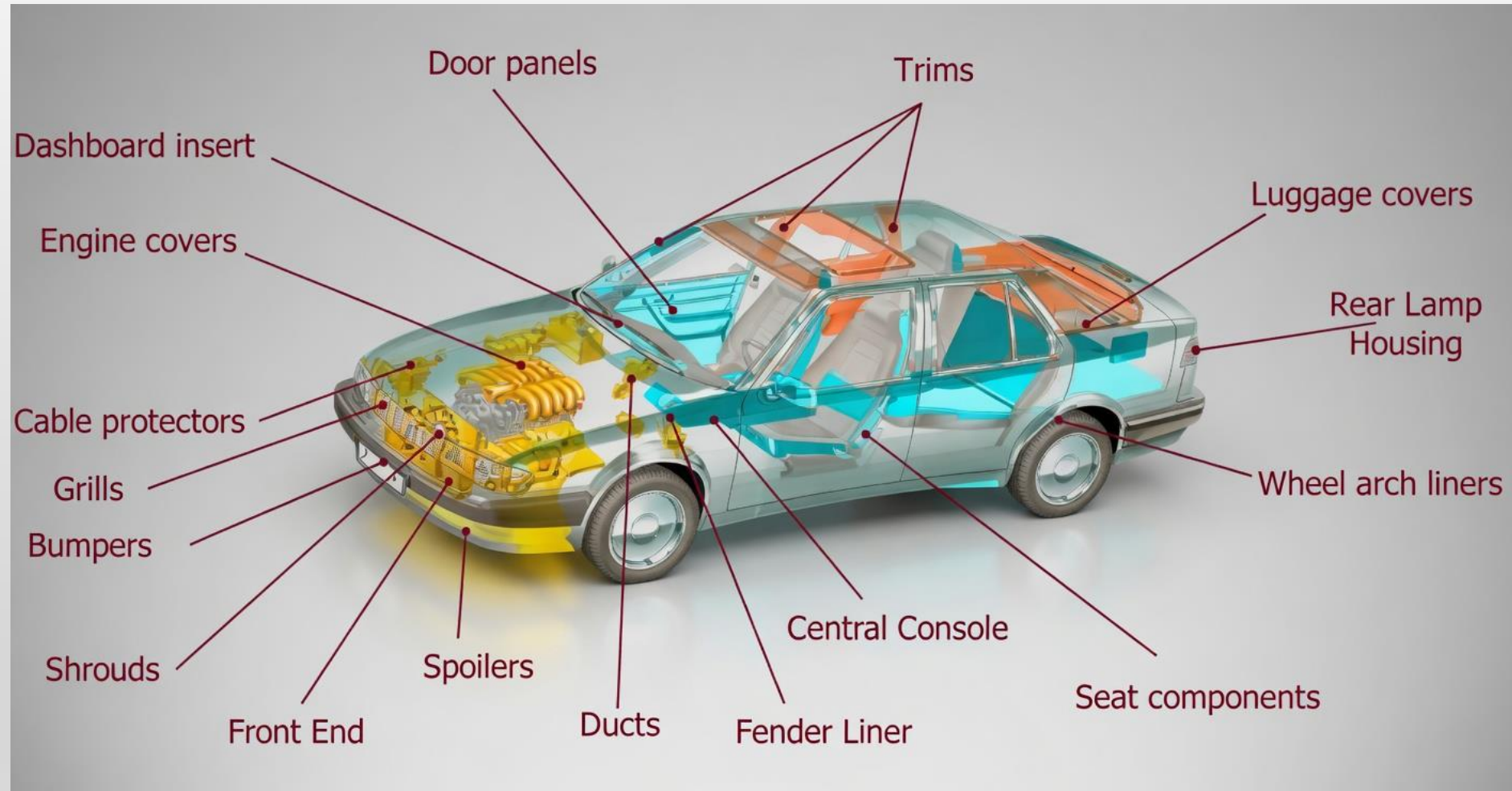


**PQMOLD**  
PQMOLD TOOLING DIVISION

# OUR MAIN TYPE OF MOLD DONE

- Conventional plastic injection mold
- Hot runner plastic injection mold
- Cool runner plastic injection mold
- Double color plastic injection mold
- Overmold / Insert plastic injection mold
- Thermoforming
- Die casting mold
- Metal pressing mold
- Sand casting
- Investment casting
- Checking fixture

# MAIN TOOL / PLASTIC DIVISION PRODUCT



# OUR TOOLS MAIN STEEL & MOULDING MATERIAL USED

- **SE UDDEHOLM – Sweden**
- **IMPAX Supreme** (P20 / 1.2311)
- **IMPAX HH** (1.2738 – Ni-alloyed)
- **NIMAX** (High toughness engineering steel)
- **STAVAX ESR** (1.2083 – Stainless mold steel)
- **ELMAX** (High wear & corrosion resistant premium steel)
- **CORRAX** (Precipitation hardening stainless steel)
- **ORVAR Supreme** (1.2344 – H13 hot work steel)
- **DIEVAR** (Premium hot work tool steel)
- **SG ASSAB – (Uddeholm Group)**
- **P20** (1.2311)
- **P20HH / 718 / 718HH** (1.2738)
- **NAK80** (Pre-hardened mold steel with excellent polishability)
- **S136 / S136H** (1.2083 – Stainless mold steel)
- **8407** (1.2344 – H13)
- **XW-42** (1.2379 – D2 cold work steel)
- **DF-2** (1.2510 – O1 tool steel)
- **AT BÖHLER – Austria**
- **M200** (1.2311 – P20)
- **M201** (1.2738 – Ni-alloyed P20)
- **M238** (1.2083 – Stainless mold steel)
- **M310** (Corrosion resistant mold steel)
- **M333 ISOPLAST** (Premium ESR stainless mold steel)
- **M340 ISOPLAST** (High wear & corrosion resistant steel)
- **W302** (1.2344 – H13 hot work steel)
- **K110** (1.2379 – D2 cold work steel)

# MAIN CUSTOMER FOR CAR MANUFACTURE

- TOYOTA



- HONDA



- NISSAN



- MAZDA



- FORD



- RENAULT



- VOLSWAGEN



- MERCEDES



- PEUGEOT



- FIAT



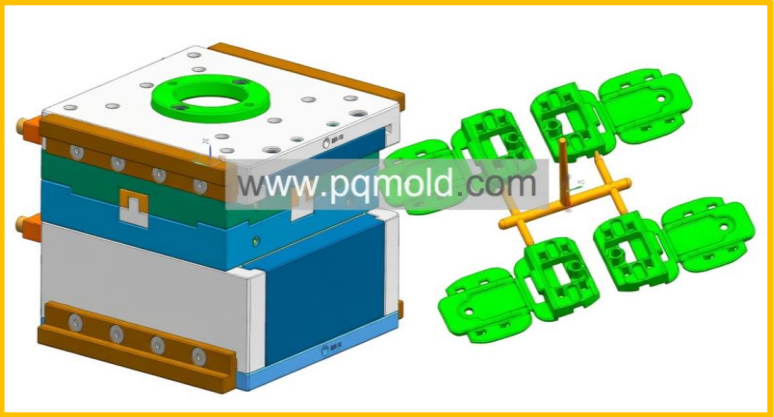
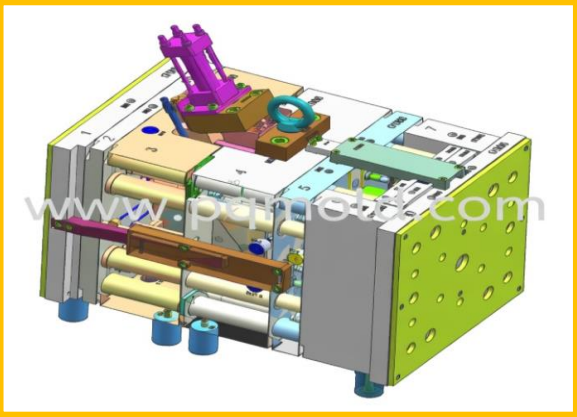
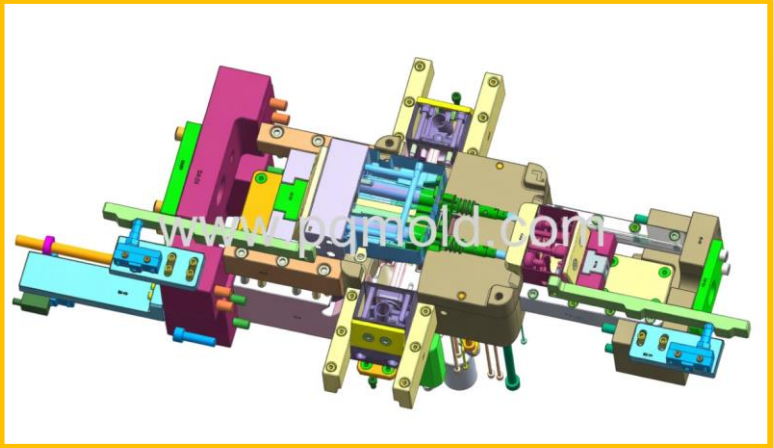
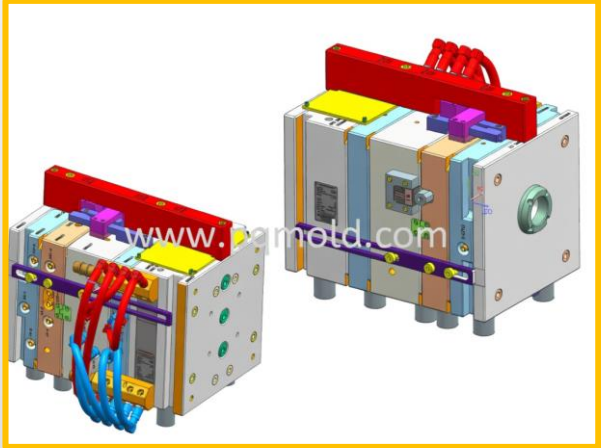
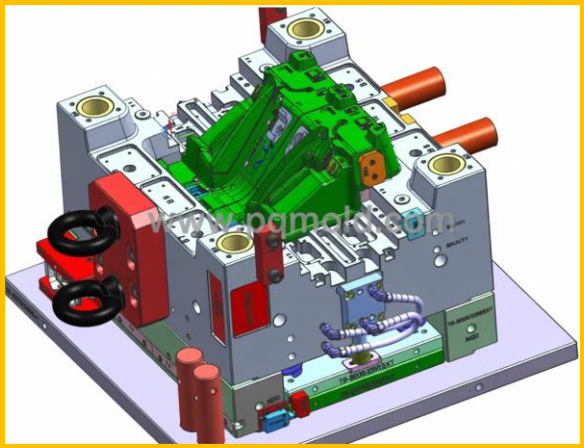
- TOGG



- HYUNDAI



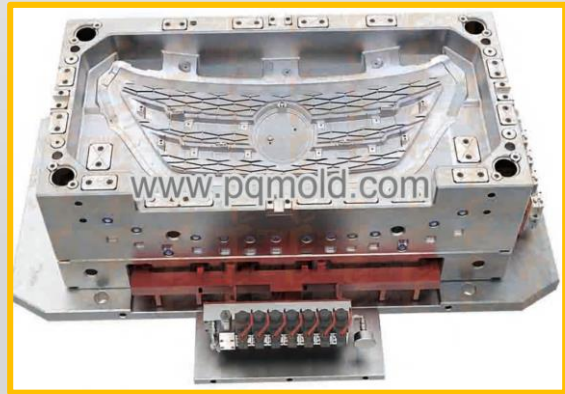
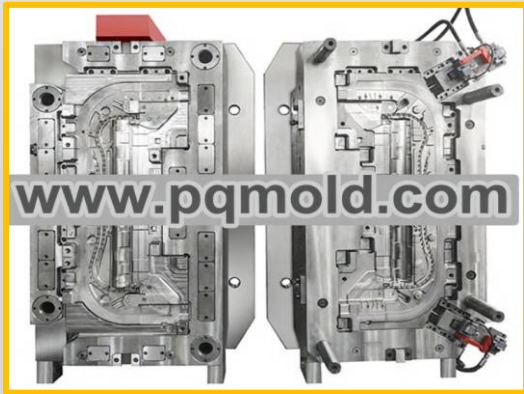
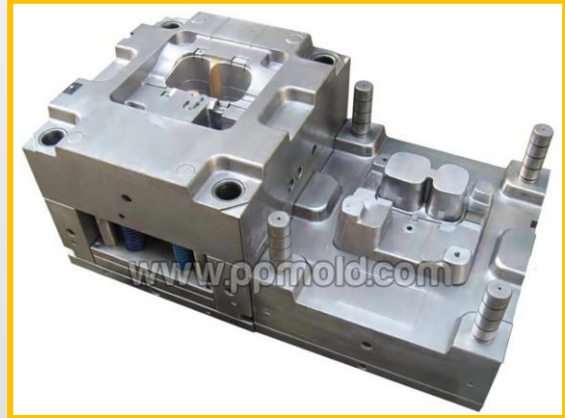
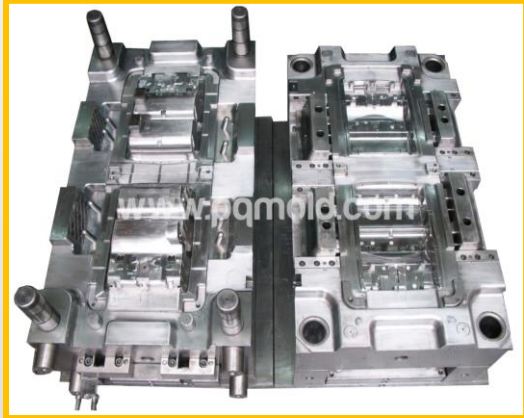
# MOULD DESIGN



# OUR EXPERIENCE FOR AUTO PARTS



# MOULD IN MANUFACTURE



# INDUSTRIES WE SERVE WITH CUSTOM MANUFACTURING SERVICES



**Security**

Security



**Industrial**

Industrial



**Automotive**

Automotive



**Smart Home**

Smart Home



**Medical**

Medical



**Electronics**

Electronics



**PQMOLD**  
PQMOLD TOOLING DIVISION

# OUR VISION

To become a trusted global partner in the automotive industry by prioritizing the development and production of high-quality plastic components and precision molds. We aim to lead the market through advanced engineering, innovative manufacturing technologies, and a deep commitment to reliability and performance. By focusing on automotive spare parts, we strive to deliver durable, cost-effective, and high-performance solutions that meet the evolving demands of modern vehicles. Our vision is to continuously improve, expand our capabilities, and set new standards in quality, efficiency, and customer satisfaction across the automotive sector.

# CONTACT US

## Office Address

İKİTELLİ OSB MAH. DEMİRCİLER  
ST DEMİRCİLER BAŞAKŞEHİR  
İSTANBUL TÜRKİYE

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## Follow Us

