

# Plastic Injection Molded Parts

## Data sheet



### Tool / Mold Construction

- ▶ ISO Certified Facilities
- ▶ Custom Mold Design
- ▶ Precision mold making and fabrication
- ▶ High-speed processes equipment that allows tools to be built in the industry's shortest lead times guaranteed.
- ▶ Multiple high-speed CNC, wire cut EDM, drilling, milling, and grinding machines
- ▶ 3D CAD/CAM, Pro/ENGINEER, and SOLIDWORKS software
- ▶ Lifetime warranty and service on tooling with a production order



# Plastic Injection Molded Parts

## Data sheet



### Plastic Injection Molding

- ▶ Injection, Double-injection, Vertical injection, Insert molding, and Steam injection molding
- ▶ Thin wall molding up to 0.3mm thickness
- ▶ Machine tonnage ranging from 25 Tones to 850 Tones
- ▶ Secondary Finishing Available
- ▶ 1. Spray painting
- ▶ 2. Silk screening and Pad Printing
- ▶ 3. Hot Stamp Printing
- ▶ 4. Laser Etching
- ▶ 5. Precision, High volume robotic spray booths
- ▶ 6. Ultrasonic welding of parts
- ▶ 7. Subassembly and Encasing lines available.
- ▶ CMM and state of the art optical measuring equipment to ensure a high degree of accuracy
- ▶ ROHS compliance



# Let's Talk About Your Plastic Injection Challenges

- **Unstable Tooling Lead Times**
- **High Tooling & Setup Costs**
- **Design for Manufacturability (DFM) Issues**
- **Inconsistent Part Quality**
- **Material Selection Challenges**
- **Low-Volume Production Constraints**
- **Tool Modification & Iteration Delays**
- **Cosmetic & Surface Finish Defects**
- **Poor Communication with Mold & Injection Supplier**
- **Suppliers Focused on Parts, Not Product Success**

## What Happen next?

- Review your design & requirements
- Provide engineering-led DFM feedback
- Define the right tooling strategy
- Support sampling and iterations
- Move into controlled production & scaling

## Free quality verification to de-risk procurement

- Design & DFM Risk Check (No Cost)
- Material & Application Suitability Review
- Tooling Feasibility Assessment
- Process & Quality Risk Identification
- Sampling & Acceptance Criteria Alignment
- Scalability & Consistency Check

If you are struggling with the challenges above  
Let's work it out together

Room 401, Building C, 8 Heng Zhong Rd, Chang An Town, DG



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



[lee@helptronfpc.com](mailto:lee@helptronfpc.com)