

## plastic household part injection moulding

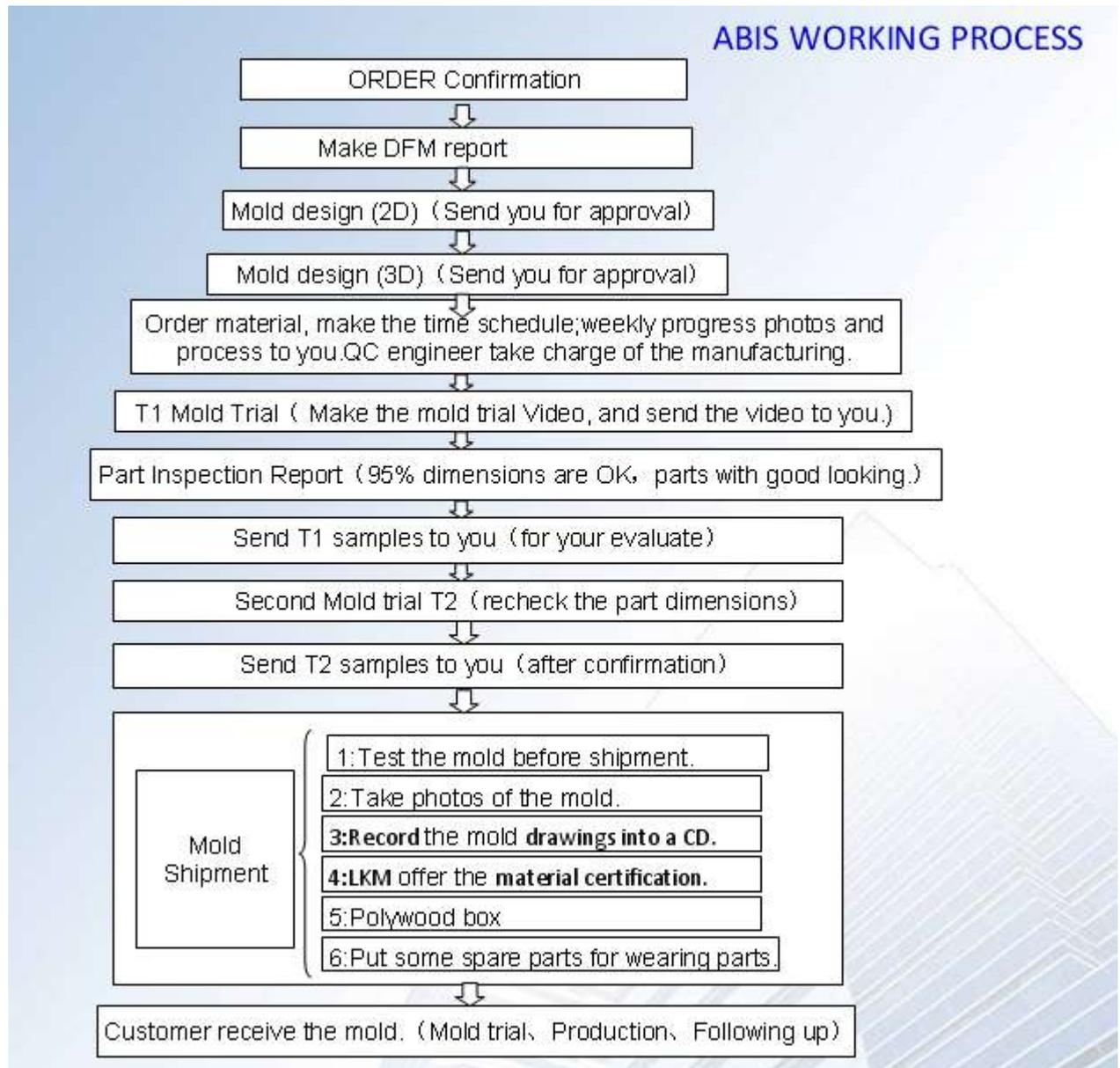
### Product details :

Name	plastic household part injection moulding
Specification	Depends on customer's requirements
mould material	NAK80
Mould Base Material	LKM, accept custom supplier
Cavity	1cavities, up to you
Runner	Hot runner
Mould life	500,000shots
Material	PC
Surface treatment	Laser, powder coating, polishing, chrome plating...and so on
Color	White,black or as per customer's requirement
Packing	Wooden box
Design software	CAE Moldflow,UG,PROE,CAD etc.
File Format	Solidworks,Pro/Engineer,Auto CAD,PDF,JPG
Equipments	CNC, EDM, ArgieCharmilles, Milling Machine, Projector,HG, Injection Machine
Working Processes	Stamping, deep stamping, bending, punching, threading,welding, tapping, riveting
Applications	All kinds of cars, machinery, home appliance, electronic products, medical devices, stationery, computers, power switches, miniature switches, architecture, commodity and A/V equipment, hardware and plastic molds, sports equipment and gifts etc



**ABIS Mold order process:**

## ABIS WORKING PROCESS



## Know more about ABIS Tooling & Moulding

ABIS was founded in Shenzhen China, adjacent to Hong Kong, in 1996, has its own factory of 12,000 square meters. With the advanced facilities from Germany, Swiss and Japan, and a highly experienced design and engineering team, ABIS builds multi-cavity molds to exacting tolerances, providing the critical structural foundation for leading manufacturing companies to produce high precision mold.

ABIS Mold which engaged in :

1. Cold&Hot Runner/ Single&Multi- Cavity-Injection moulding
2. Single&Multi- Shot
3. Die Cast-Aluminum&Zinc

- 4. Inserting Mold
- 5. Overmolding
- 6. Prototype Tooling
- 7 Mass Production

    Servicing various markets including Automotive & Aviation, Household & Industrial, Electronics & Telecommunications, Medical & Healthcare, OA equipment, Consumer Packaging , Personal care, and Sports, ABIS helps clients optimize productivity and minimize manufacturing costs, strengthening the ability of OEM to compete effectively on a global basis.



Equipment list

NAME OF MACHINE	BRAND	Q'TY	PLACE OF ORIGIN
CNC	DMG	1	Germany
CNC	YCM-FP66A	2	Taiwan
EDM AQ35L	SODICK	3	Japan
EDM	CHARMILLES-35P	2	Swiss
EDM	TAIWAN NUMERIC CONTROL	6	Taiwan
digital display milling machine	YINGSHUN	8	Taiwan
digital display grinding machine	SUHRE	8	Taiwan
Injection molding machine	JIANDA	8	China
Injection molding machine	HAITIAN	11	China
Injection molding machine	FANUC	1	Japan
Computer	HAIER, SAUSUNG	15	China
JD12-300 digital display projection apparatus	Projector	1	China
3 Dimension Coordinate	DABAO	1	Taiwan
Wire cutting machine	QIGNYUAN	4	Shanghai
Wire EDM AQ327L	SODICK	2	Japan



## Something about Customized mold

### 1. Detailed description of Custom Plastic Mould:

Cavity/Core Material	718H,P20,NAK80,2316,2738,DIN2344,H13 and available
Product Material	ABS,PC,PP,PVC,POM,PMMA,PS,PE,PET,RUBBER Silicone,PA,PBT,PEI,etc
Base	LKM or by requested
Structure	Double Color injection mold,Solid Mold,Insert Mold,Mold with Slide,Mold with Lifter
Runner System	Hot runner,Cold runner
Cavity	Single cavity,multi cavity by requested
Finish	Corrosion word,Mirror finish,Brushed
Mold standard	HASCO,DME,MISUMI, or by requested etc
Software	STEP and X-T,UG,pro-E
Tolerance	+/-0.05mm
Design time	5-7 day
Sample time	1 week
Production time	3-5 weeks,depends on mold structure
Main technique	Milling,Grinding,EDM,Wire-cutting,Engraving,CNC etc
Longevity	0.5-1 million shots
Packing	Wooden case,PE,or by requested

### Plastic Injection Molding Materials:

ABIS meets the demand for affordable, durable plastic products that require precise specifications, each and every time. We are your one-stop source for quality, cost-competitive, domestically-produced molded plastic products using a variety of plastic materials.

ABS (Acrylonitrile Butadiene Styrene)  
ABS + PC (ABS + Polycarbonate)  
Acetal (POM)  
Acrylic (PMMA)  
LCP (Liquid Crystal Polymer)  
PA-Nylon 6 (Polyamide)  
PA-Nylon 6/6 (Polyamide)  
PA-Nylon 11 (Polyamide)  
PBT (Polybutylene Terephthalate)  
PC (Polycarbonate)  
PEI (Polyetherimide)  
PE (Polyethylene)  
LDPE (Low Density Polyethylene)  
HDPE (High Density Polyethylene)  
PET (Polyethylene Terephthalate)  
PP (Polypropylene)  
PPA (Polyphthalamide)  
PPS (Polyphenylene Sulfide)  
PS (Polystyrene)

## **Plastic Injection Molding Industries:**

For those twenty years, ABIS has provided top-quality plastic products for countless customers across the country. Throughout this period, we've gained invaluable experience serving clients covering a wide array of industries.

- Automotive
- RV
- Transportation
- Outdoor Living
- Pet Products
- Building Products
- Irrigation Products
- Food Packaging
- Medical
- Dental
- Any other field that relies on plastic in its manufacturing, packaging or distribution

## Some of Our products:





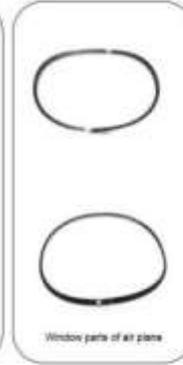
Home Appliance



Office Equipment



Window parts of air plane



Window parts of air plane



Window parts of air plane



medical vial



medical gear



plate for medical equipment



medical connectors



shell of medical equipment



Cover of storage box

Storage basket

Support for hen's eggs

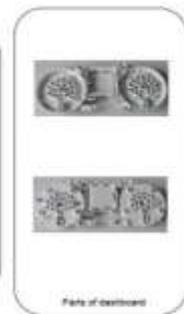
Cover of support for eggs

Hockey box

Support for duck's eggs



Parts of Auto air conditioning



Parts of dashboard



Parts made for vacuum

Part of Auto sound equipment



Automotive Console & Gear Plate

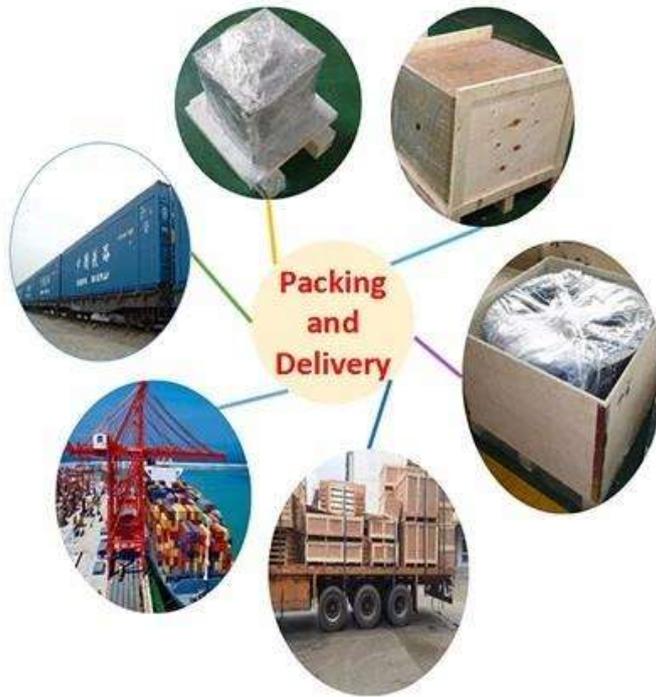


Frame of Auto fan



Automotive interior parts

## ABIS Mould packaging :



### **Packaging Details:**

The mould started to pack with wooden case after the final sample confirmed, then the mould will be sent to port and waiting for shipping.

### **Delivery:**

The delivery lead time would be 35 days after payment.

### Mold Packing



# OUR CERTIFICATE:



## **FAQ:**

Are you a factory or trading company?

ABIS is a professional mold manufacturer with over 20 years' experience.

Can you customize the products?

Yes, OEM & ODM will be warmly welcome! We have a professional R&D team to customize the products according to your requirements.

Can you use our logo on the product or package?

Yes, we can do it according to your requirements.

Can you send us the samples for free?

You would need to pay the samples and freight but we will return them if we received your order later.

Can I only buy one piece?

You can buy a sample first. For each product please refer our MOQ for fitting a full carton consideration.

How long is your delivery time?

It depends on the product. In general, the leading time is about 25-35 days. We will provide detailed delivery time in accordance with the contents of the order.

What is your Shipping Method?

-TNT/DHL/FEDEX/ UPS/EMS

-Ocean or air freight

-Cargo forwarder services

\* We can help to arrange if you have cooperation courier company or any other preferred method.

What is your Payment Term?

T/T and L/C. We also accept other payment methods if the method is reasonable and security.

How about the After-Sale service?

We have Sales Department for customer service. You can easily contact us by E-mail, Skype or phone.

More Questions?

Please feel free to contact us!