

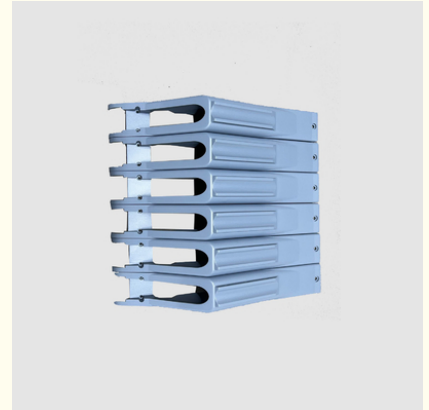


Low Cost Polyurethane Vacuum Casting Affordable Way To Create Production Parts

Our Product Introduction

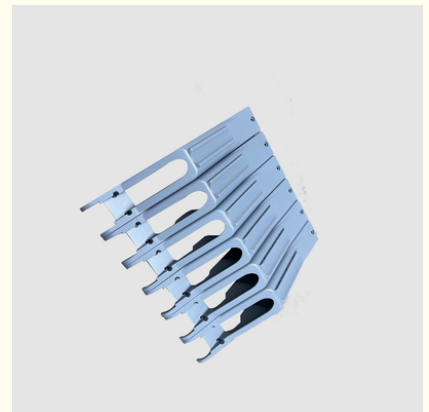
Basic Information

- Place of Origin: Polishing, Anodizing, Painting, Chrome Plating, Silkscreen
- Brand Name: China Shenzhen
- Certification: CNC Precision Machining
- Model Number: ABS, PC, PMMA, POM, PA, PTFE, PEEK
- Minimum Order Quantity: 1 piece
- Price: USD 50 piece
- Packaging Details: Cartons, Plywood Box
- Payment Terms: T/T, Paypal
- Supply Ability: 1 piece per day



Product Specification

- Type: Silicone Mold
- Usage: Automotive Product Parts
- Application: Rapid Prototyping
- Payment: T/T
- Drawing Format: STP, IGS, X-T
- Surface Treatment: De Burr, Painting
- Surface Finish: Smooth
- Advantages: Low Cost, Fast Production, High Accuracy
- Highlight: **low cost polyurethane vacuum casting, low cost vacuum investment casting, fast vacuum investment casting**



Product Description

What Is Vacuum Casting?

Polyurethane vacuum casting is a specialized technique for making high-fidelity copies of master patterns using inexpensive silicone molds and pourable casting resins. Copies made in this way demonstrate the same quality as plastic injection molded parts while taking only a fraction of the time and expense to produce.

Advantages Of Vacuum Casting

Low cost for molds

Molds can be made in a few days

Many types of polyurethane resins are available for casting, including overmolding

Cast copies are highly accurate with excellent surface texture

Molds are durable for 20 or more copies

Perfect for engineering models, samples, rapid prototypes, bridge to production



Vacuum Casting Service

We offer a complete turnkey solution for creating master patterns and cast copies based on your CAD designs. We not only make high-quality molds but we also offer a full line of finishing services including painting, sanding, pad printing and more. We'll help you create parts for showroom quality display models, engineering test samples, crowdfunding campaigns and more.

Do you need production quality plastic prototypes fast? Polyurethane vacuum casting may be the ideal solution for you. Star Rapid's vacuum casting service is renowned for producing showroom quality display models, engineering samples, crowdfunding prototypes and more. And of course all of your parts are expertly finished with professional painting, printing and machining.



Advantages of Vacuum Casting

Cost-Effectiveness: Molds are inexpensive to produce.

Quick Turnaround: Molds can be created in just a few days.

Material Diversity: A wide range of polyurethane resins are available, suitable for various applications including overmolding.

High Accuracy and Quality: Cast copies boast excellent accuracy and surface texture.

Durability: Molds are robust, capable of producing 20 or more copies.

Ideal for Prototypes: This method is perfect for engineering models, samples, rapid prototypes, and as a bridge to full production.



Plastic	Acrylonitrile butadiene styrene	ABS
Plastic	Acrylonitrile butadiene styrene	ABS Hight Temp
Plastic	Acrylonitrile butadiene styrene	ABS Anti Static
Plastic	Acrylonitrile butadiene styrene + Polycarbonate	ABS + PC
Plastic	High-density polyethylene	HDPE, PEHD
Plastic	Nylon 6	PA6
Plastic	Nylon 6 + 30% Glass Fill	PA6 + 30% GF
Plastic	Nylon 6-6 + 30% Glass Fill	PA66 + 30% GF
Plastic	Nylon 6-6 Polyamide	PA66
Plastic	Polybutylene terephthalate	PBT
Plastic	Polycarbonate	PC
Plastic	Polycarbonate – Glass fill	PC + GF
Plastic	Polycarbonate + 30% Glass fill	PC + 30% GF
Plastic	Poly-ether-ther-ketone	PEEK
Plastic	Poly-ethe-rimide	PEI
Plastic	Polyethylene	PE
Plastic	Polyethylene terephthalate	PET
Plastic	Polymethyl methacrylate – acrylic	PMMA Acrylic
Plastic	Polyoxybenzylmethyleneglycolanhydride	Bakelite
Plastic	Polyoxymethylene	POM
Plastic	Polyphenylene sulfide	PPS
Plastic	Polyphenylene sulfide + Glass Fill	PPS + GF
Plastic	Polypropylene	PP
Plastic	Polytetrafluoroethylene	PTFE
Plastic	Polyvinylidene fluoride	PVDF



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