

GAOXD

东莞市高新达精密工业有限公司

DONGGUAN GAOXD PRECISION INDUSTRY CO.,LTD



Follow Us

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DEEP GAMERS

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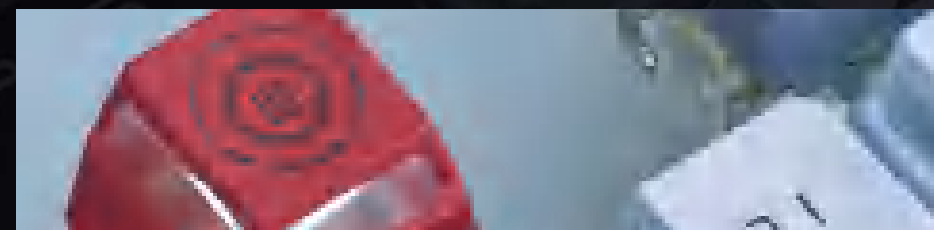
05 Clients
企业客户

GAOXINDA was established in 2009, moved from Shenzhen to Dongguan , after more than 10 years of deep cultivation in computer peripheral industry, turned every vision into reality. With rich experiences of opening precision mold and producing two-component injection molding , GAOXINDA has rapidly grown into a large-scale factory integrating RD, injection molding, and manufac-turing.

Pursuing excellence, we aim to become the most powerful precision manufacturing enterprise in the industry. Through many years constant working on it , GAOXINDA has our own two-component & single-component injection workshops and mold workshop, covering an area of 12,000 square meters and nearly 400 employees.

Our product swidely cover mechanical keyboard ABS/ PBT/ POM/ TPR/ SILICONE/ METAL two-color keycap, painting keycap, dye-sublimation keycap, PUNK keycap ,crystal keycap, colors-combination keycap and PBT gradient color keycap ,

从2009年从深圳到东莞，十多年行业深耕，高新达将一个个想见化为真实，凭借丰富的精密模具制造和双色模具生产经验，迅速成长为集开发设计、注塑成型、生产制造于一身的规模精密工业制造企业。



ABOUT US

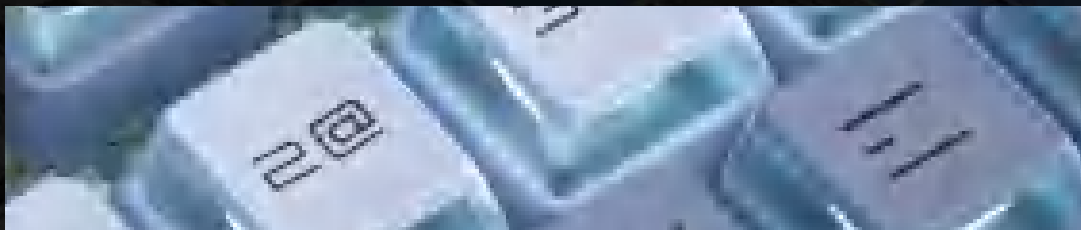


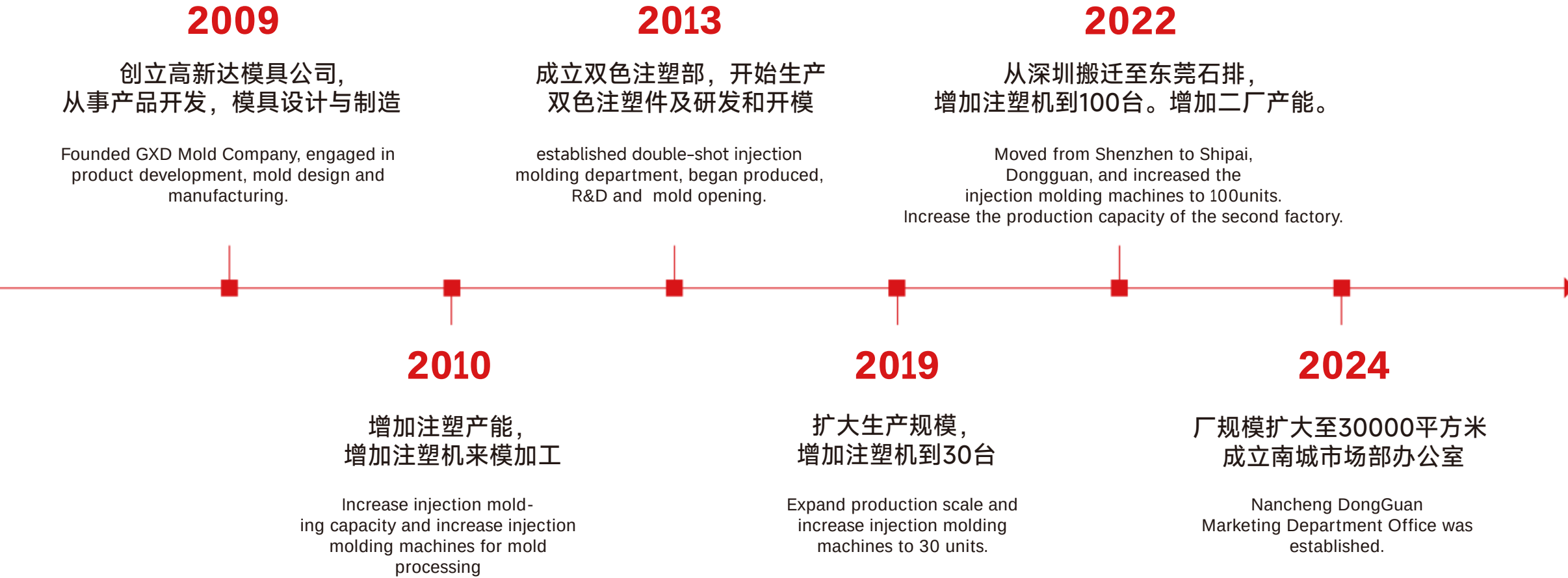
bring life and soul into the keyboard, and provide brand customers with a full range of integration services from product development, design, and manufacturing.

To meet the needs of innovation, we have developed new technologies beyond imagination. GAOXiNDA focus on the product itself. Through introducing and absorbing foreign advanced technology, GAOXINDA have built a professional, stable and experienced technical R&D team.

According to product design and requirements, we have specially setup a test platform and purchased two-dimensional and three-dimensional advanced measuring instruments, ensure that GAOXINDA continuously create high-quality and internationally competitive products, and can provide customers with a complete set of product solutions quickly, efficiently and accurately at any time.

遇见创新的需求，我们研发超乎想象的新技术。高新达着重于产品本身，通过引进吸收国外先进技术重金打造了一个专业、稳定、经验丰富的技术研发团队，并针对产品设计及要求，特别设立测试平台购置二次元、三次元先进检测仪器。持续的自主产品核心技术和知识产权，确保公司不断打造出高品质具有国际竞争力的产品，在任何时间都能快速、高效、精准地为客户提供全套产品解决方案。

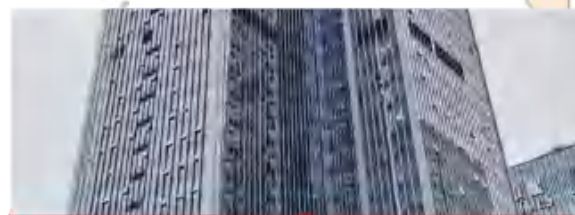




总经理 / Genera manager									
经理 / Manager									
市场部 Marketing Dept.	行政部 Admin Dept.	开发部 Dev Dept.	生产部 Prod Dept.	品管部 QC Dept.	资料部 Doc Dept.	财务部 Fin Dept.			
CS Dept. — 客服科 Sales Dept. — 销售科 Net Dept. — 网络科	GA Dept. — 总务科 HR Dept. — 人事科	Doc Center. — 文控中心 R&D Dept. — 研发科 Eng Dept. — 工程科	Dye-sublimation Dept. — 热升华 MMW. — 模具制造车间 IMW. — 注塑车间	FPID. — 成品检验科 IID. — 制程检验科 IIDept. — 来料检验科	WD. — 仓储科 PD. — 采购科 PMD. — 生管科	Trsry. — 出纳 Acct. — 会计			



东莞一厂
DONGGUAN THE FIRST FACTORY



南城办公室
NANCHENG OFFICE



东莞二厂
DONGGUAN THE SECOND FACTORY



越南厂筹备中
VIETNAM PLANT IN PREPARATION

R & D Patents

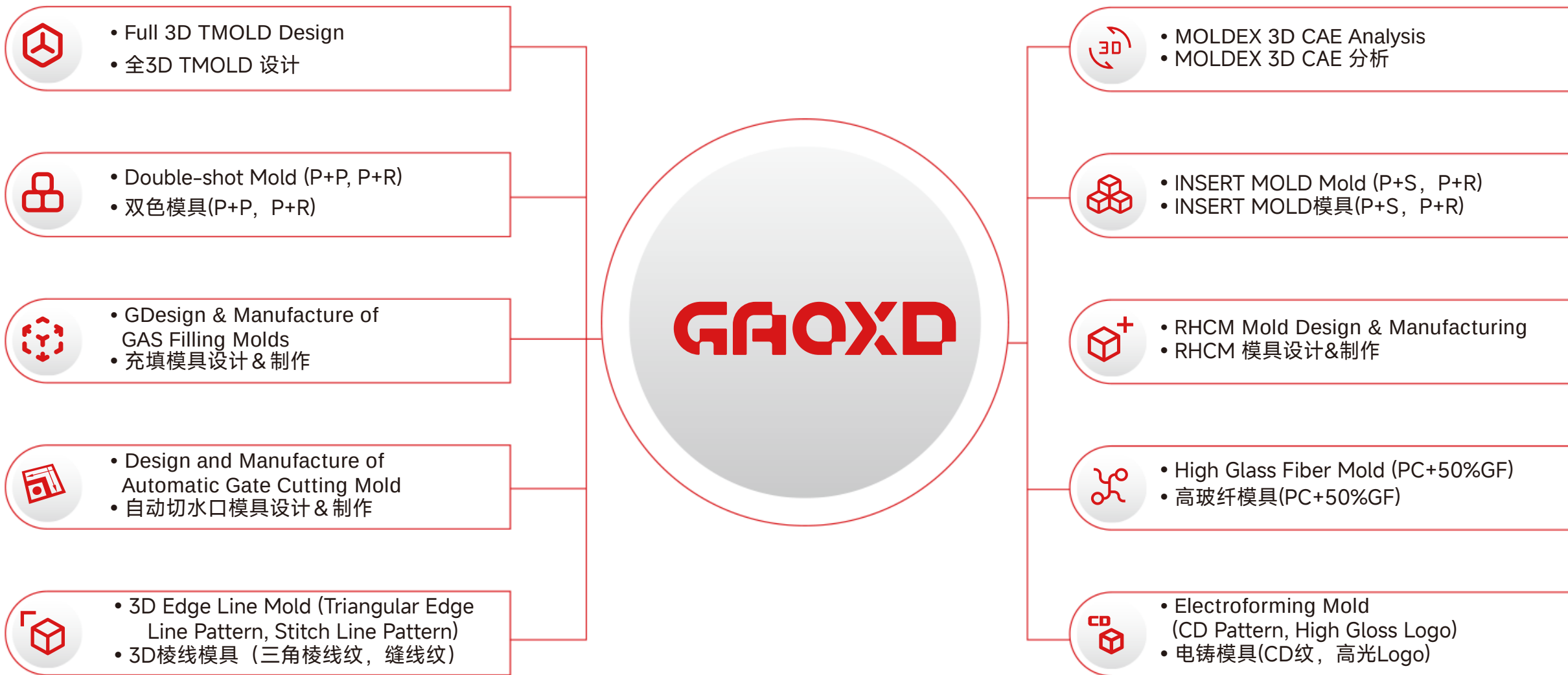
02
研发&专利

Our company has a group of innovative professional and technical personnel to provide technical support. There is a team of senior engineers in product development, mold design and manufacturing, and precision injection molding R&D.

作为国内注塑行业制造者，东莞市高新达精密工业有限公司专注在其产品上的技术研发与创新毫不松懈。

我们公司拥有一批具有创新意识的专业技术人员做技术支持。在产品开发，模具设计制造，精密注塑研发上有一批高级工程师的团队。





研发投入

以科技为动力，以质量求生存的经营理念。

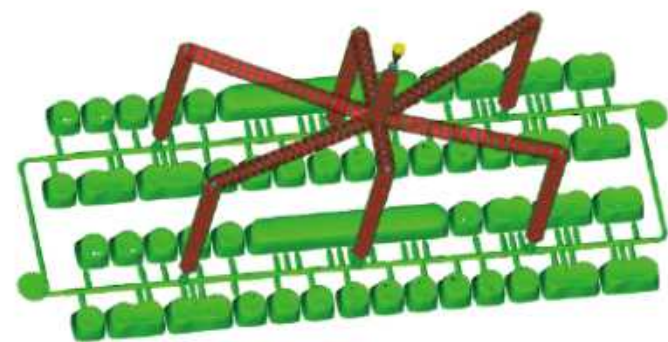
Multi-functional laboratory to provide comprehensive reliability tests for products .

高新达每年都会设立研发目标，开发出市面上高品质的产品

In line with our commitment to producing high-quality products, 30% of annual sales profits are invested in product research and development

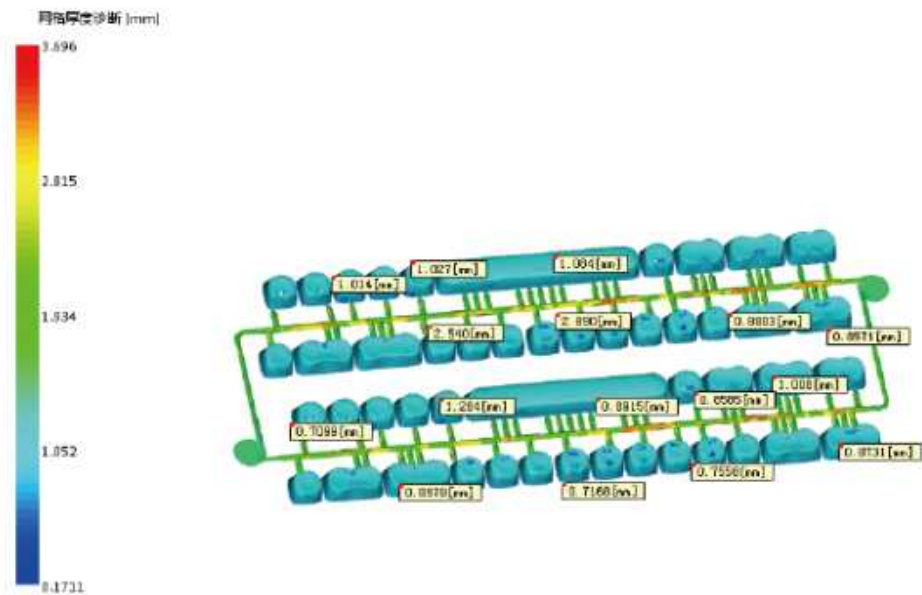


模流分析报告 Mold Flow Analysis Report



Version No.版本号		Part Name 零件名	24041-0518
Part No.零件号		CAD Model Version CAD模型版本	UG 10.0
Report date 报告日期	2024.05.18	Moldflow Version Moldflow版本	2016
Mould/Parts Supplier 模具/零件供应商		Analytical Engineer 分析工程师	Freya

厚度诊断 Mesh Thickness Diagnostic

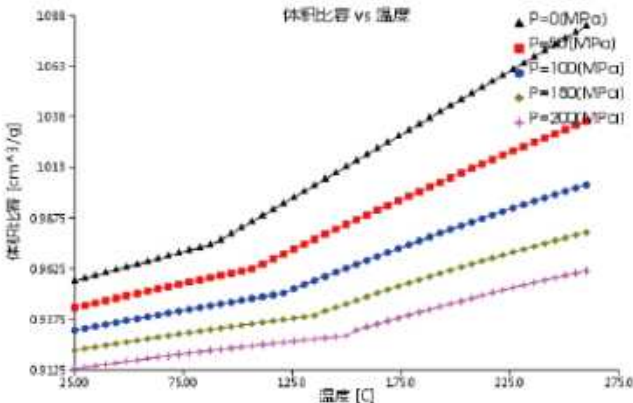


Result Explanation: Refer to the thickness measurement results in the above figure. The nominal thickness of the product is 1.6mm.
结果说明：见上图厚度测量结果，产品基本壁厚为1.6mm。

描述 Description

质量指示器		结晶形态
描述	推荐工艺	流变属性
系列	POLYCARBONATE (PC)	
牌号	Lexan BW3110-1511	
制造商	SABIC Innovative Plastics US, LLC	
品牌		
材料名称缩写	PC	
材料类型	Amorphous	
数据来源	Manufacturer (SABIC Innovative Plastics US, LLC)	
上次修改日期	26-09V-07	
测试日期		
数据状态	Non-Confidential	
材料 ID	3429	
等级代码	CW3429	
供应商代码	SBCUSA	
纤维/填充物	非填充	

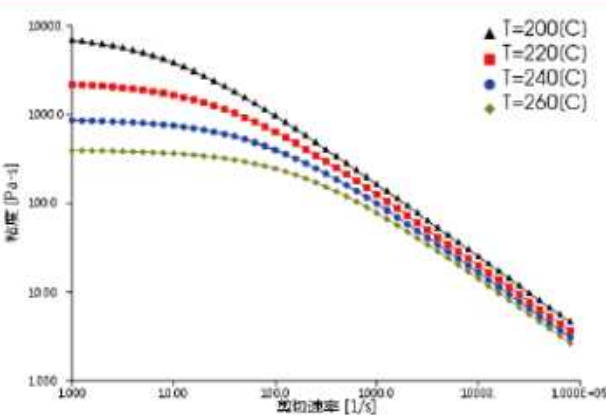
PVT曲线 PVT curve

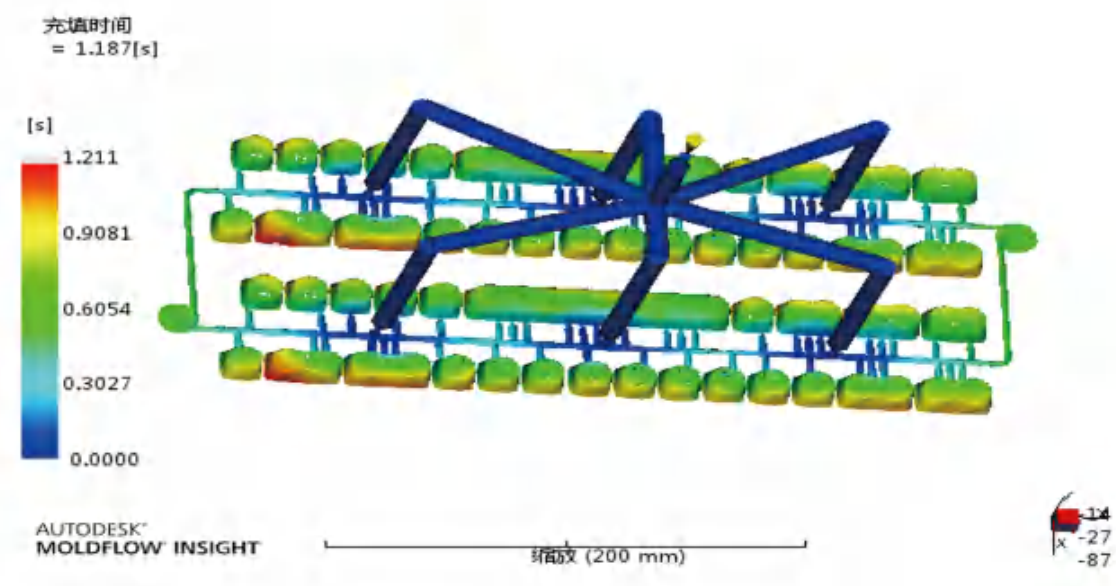
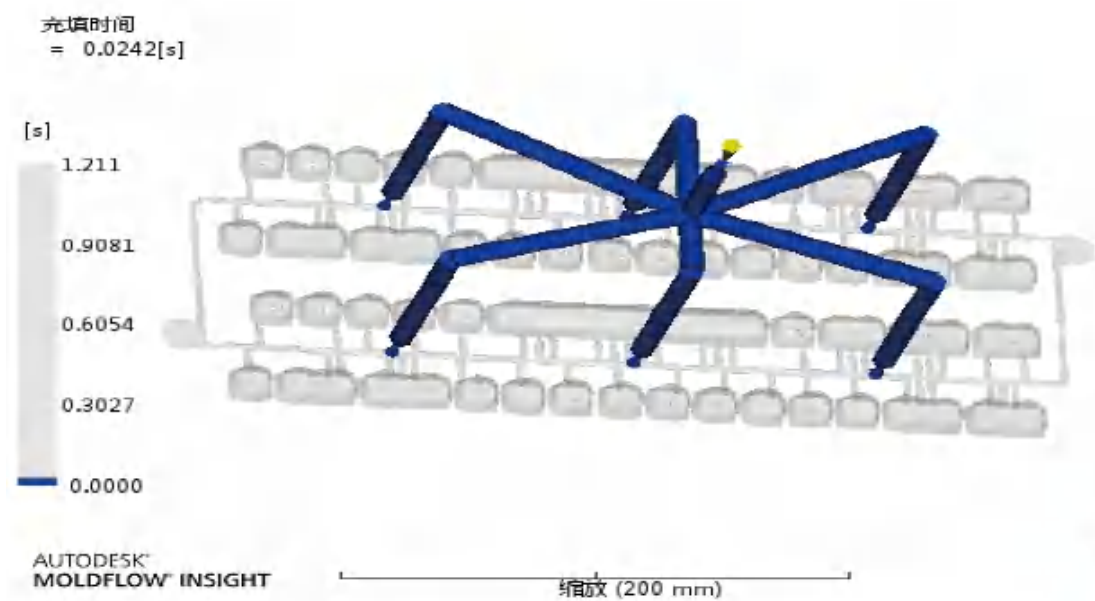


推荐工艺 Recommend process

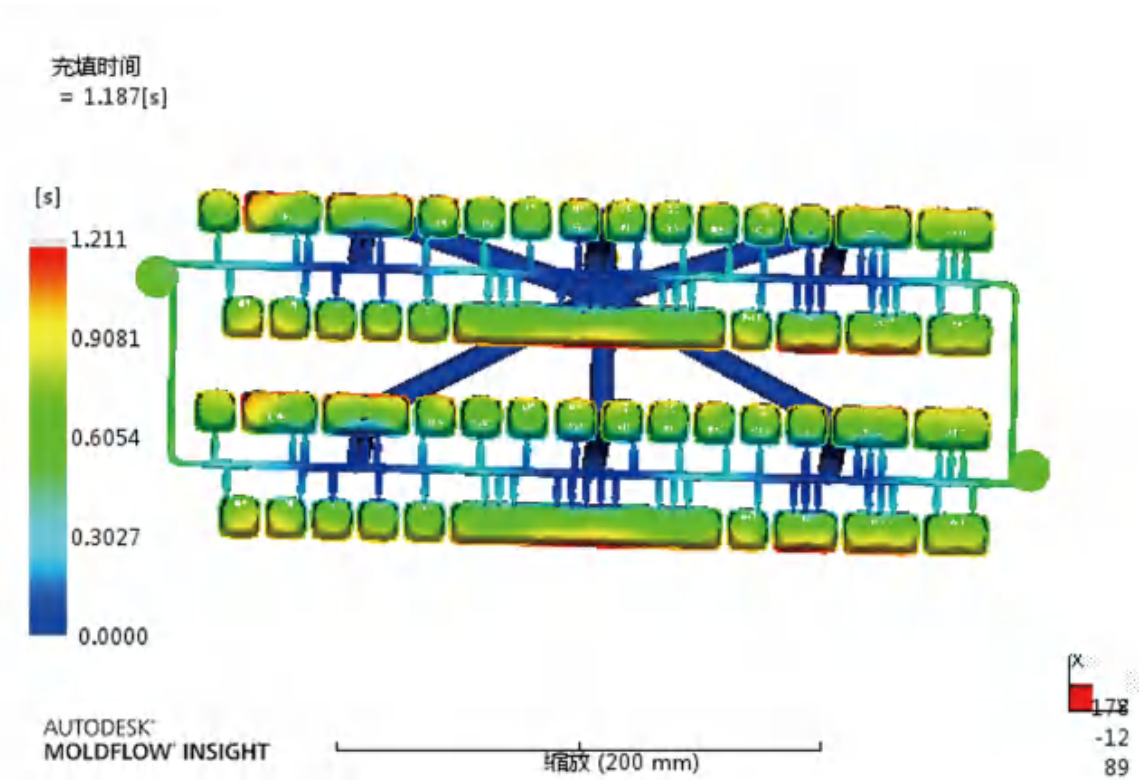
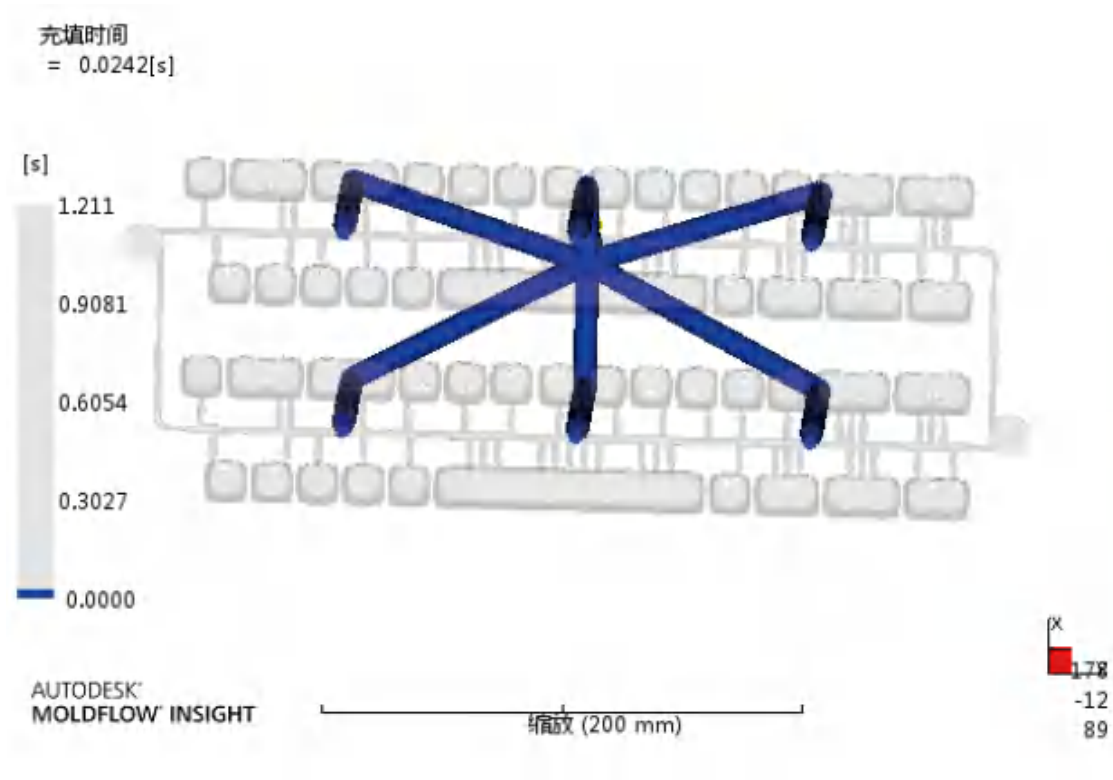
质量指示器		结晶形态
描述	推荐工艺	流变属性
模具表面温度	95	C
熔体温度	305	C
模具温度范围 (推荐)		
最小值	50	C
最大值	132	C
熔体温度范围 (推荐)		
最小值	250	C
最大值	350	C
绝对最大熔体温度	400	C
顶出温度	137	C
		查看顶出温度
最大剪切应力	0.5	MPa
最大剪切速率	40000	1/s

剪切速率-黏度曲线 Shear rate – viscosity curve

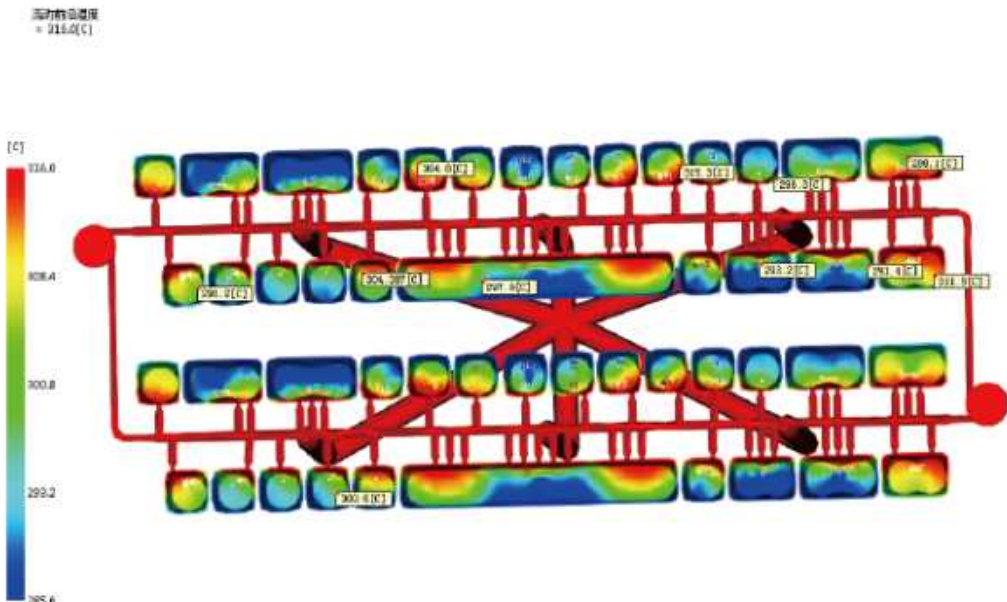
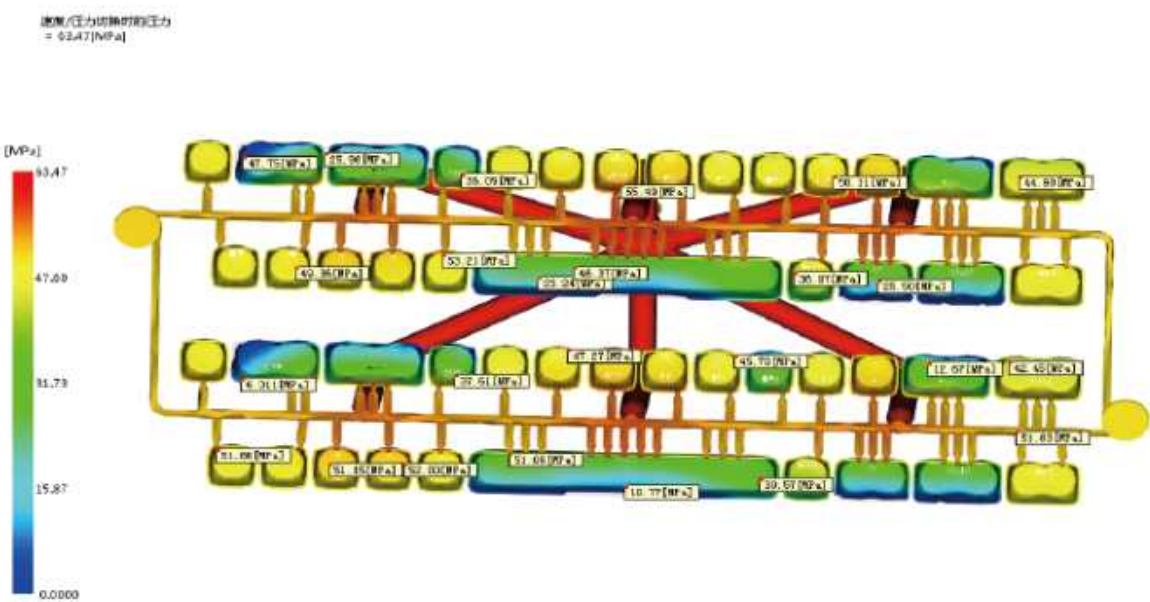




Standard 标准	产品填充良好，产品无短射风险，红色区域为产品充填末端。 The product is well filled, the product has no risk of short shot, and the red area is the end of the product filling
Explanation Results 结果说明	Fill time is 2.146s 填充时间2.146s

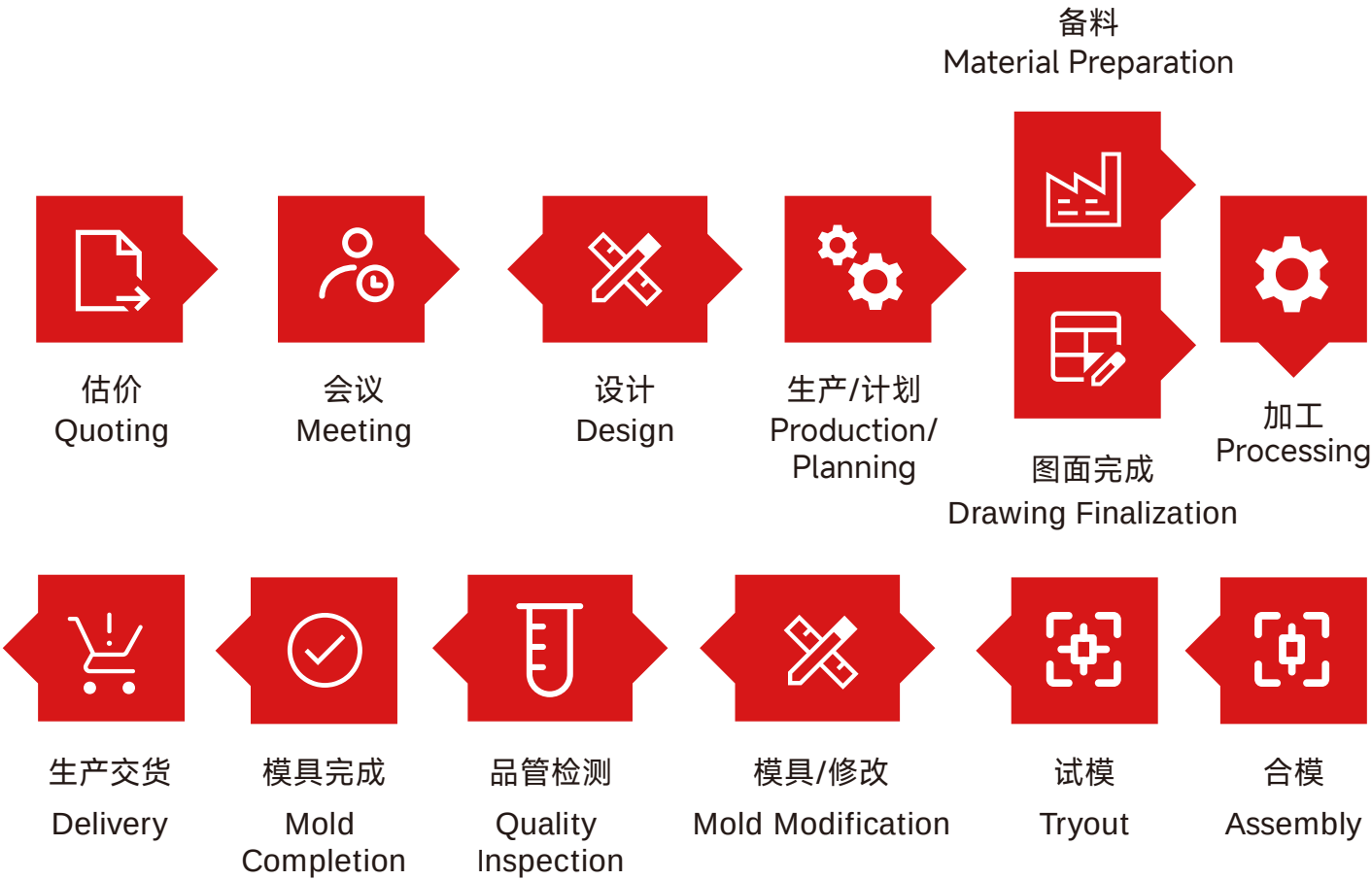


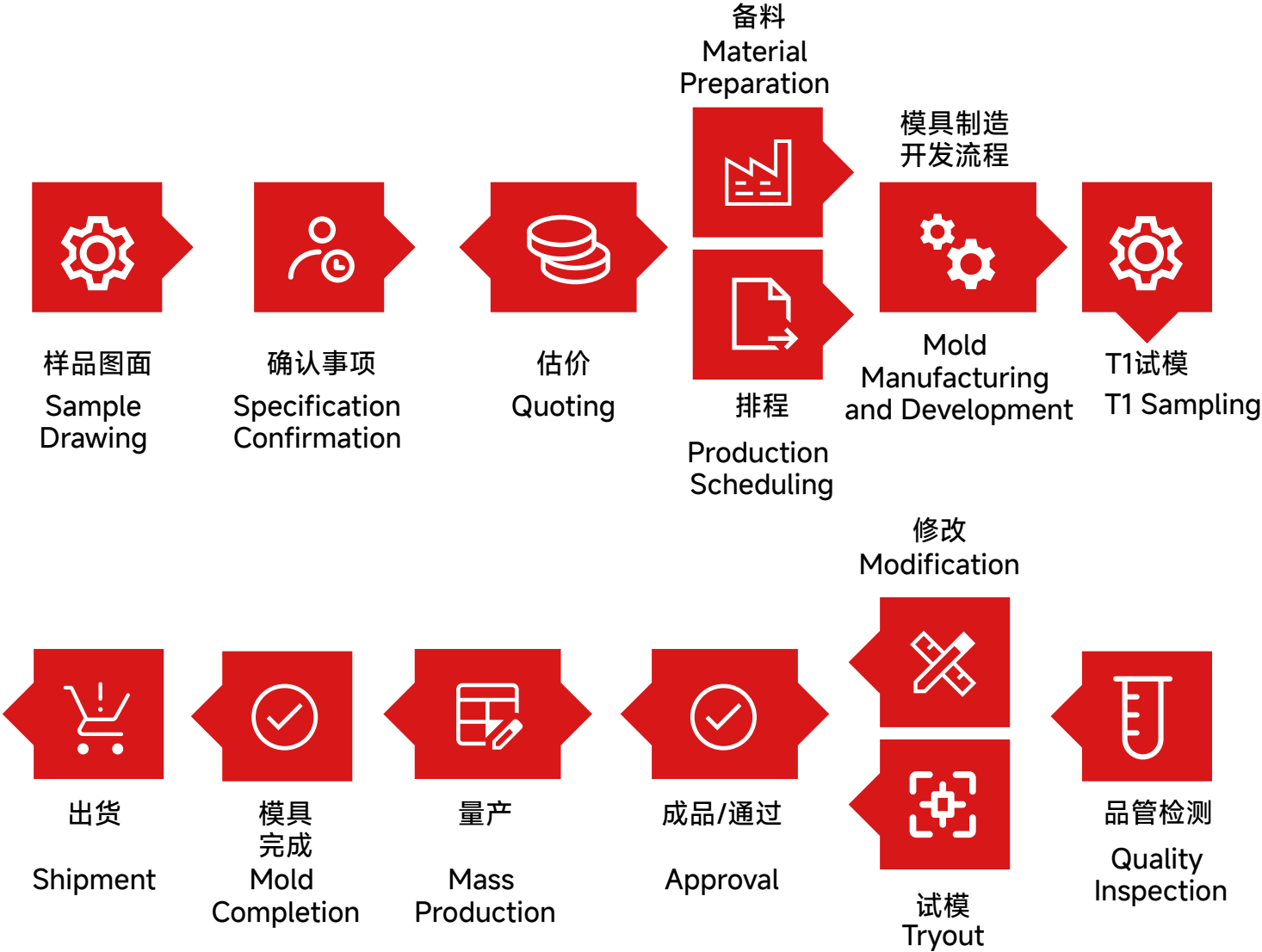
Standard 标准	产品填充良好，产品无短射风险，红色区域为产品充填末端。 The product is well filled, the product has no risk of short shot, and the red area is the end of the product filling.
Explanation Results 结果说明	Smooth filling 填充顺畅



速度压力切换压力 Pressure at V/P switchover	
Explanation of Results 结果说明	The pressure for switching V/P of the product is 63.47MPa, and the subsequent pressure maintenance and filling of the gray part are completed.
	产品V/P切换压力为63.47MPa，灰色部分后续保压充填完成。

流动前沿温度 Temperature at flow front	
Recommended Material Molding Range 材料推荐成型范围	280-360(deg.c)
Explanation of Analysis Results 分析结果说明	OK





注塑 & 模房 Injection & Tooling



注塑车间 Injection Workshop



热升华车间 Dye-sublimation



QUALITY



环境 Environment

IQC、IPQC、OQC、QA建立了独立的检测点，避免了环境干扰造成的误判
IQC, IPQC, OQC, and QA have established independent inspection sites to avoid misjudgments caused by environmental interference.



方法 Method

供应商系统化管理和电子数据管理，便于跟踪、存储和查询。GP控制系统定期更新法律法规，避免人为管理漏洞。
Supplier systematic management and electronic data management are easy to trace, store and consult. GP control system regularly updates laws and regulations to avoid human management leakage.



材料 Material

我们建立了从设计阶段到供应商、IQC、IPQC、OQC领域的材料控制标准。确保在所有过程中都有严格的检查。
We set up standards for material control from design phase to supplier side, IQC, IPQC, OQC area. To make sure there is strict inspection in all process.



机器 Machine

本实验室可进行20多种产品环境试验、性能试验，可完成从原材料到最终产品的全部可靠性试验。
Our laboratory can be used for more than 20 kinds of product environmental test, performance test, which can fulfill all reliability test from raw material to final products.



人员 Man

采用岗位轮换制度，确保员工能发挥不同的作用。丰富培训内容，提高全员质量意识；营造学习氛围，建设学习型团队
Adopt post rotation system to make sure employees can play different roles. Enrich the training content, improve the quality awareness of all staff; Create a learning atmosphere and build a team with learning ability;



认证证书Certificates	
BSCI	Approved Factory
BSCI	通过审厂
ISO14001	will be certified this year
ISO14001	今年会认证通过



品质实验室 Laboratory

多功能实验室，为产品提供全面的可靠性测试。

Multi-functional laboratory to provide comprehensive reliability tests for products .



PRODUCT

4
企业产品

深度玩家的
键帽定制专家

Keycap Customization
Experts For Deep Gamers

 GAOXD 高新达

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PERSONALIZED KEYCAPS



+ 动力引擎 +
+ Power Engine +



+ 流焰立方 +
+ Flame Flow Cube +



+ 微光世界 +
+ Microcosm +

EXCLUSIVE PATENT
Satisfy Keyboard Personalization Needs

白骨键帽
Alloy



核动力键帽
Nuclear Energy



MAX键帽
Max



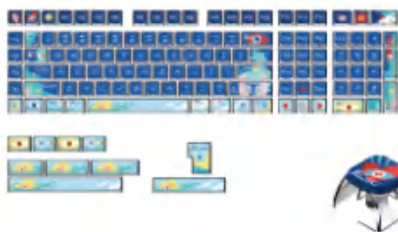
极光键帽
Aurora



心形键帽
Heart-shaped



布丁球帽
Pudding Spherical



原厂侧刻键帽
Side Print



魔浪水晶键帽
Crystal



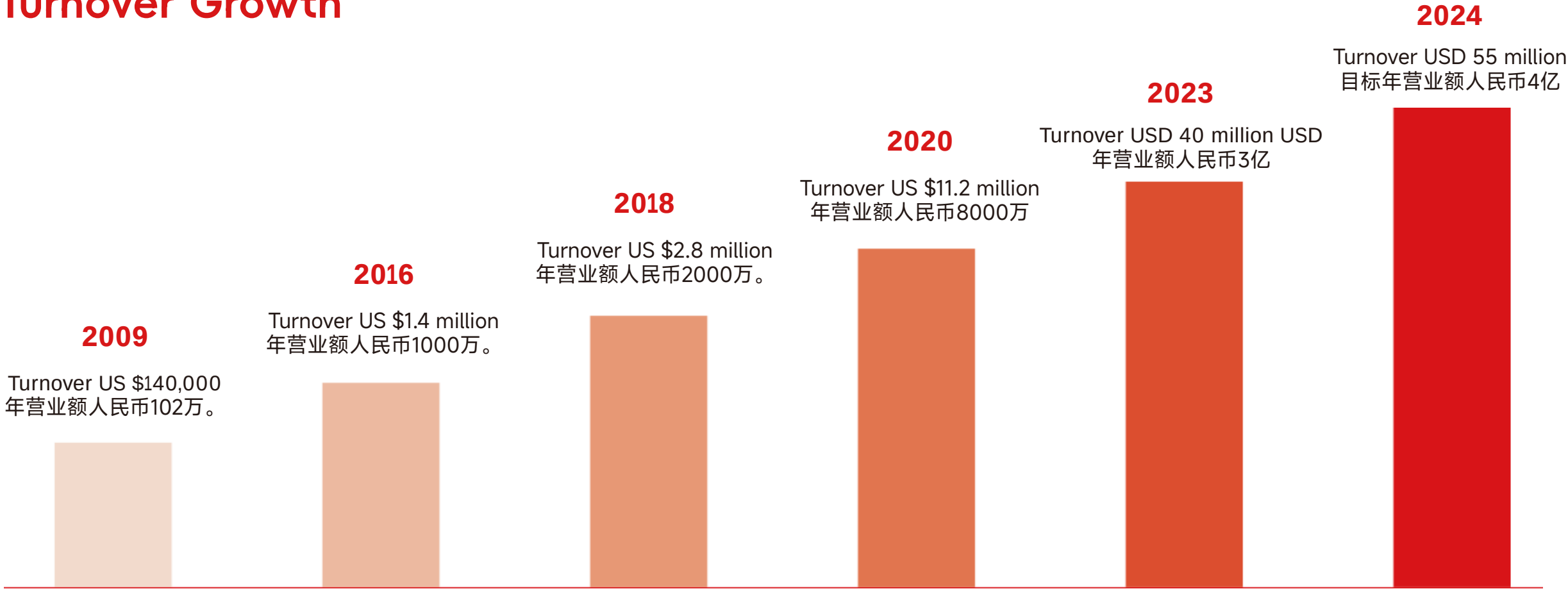
UNIVERSALLY CLASSIC HEIGHT
Satisfying Various Keyboard Layout OEM/ODM Demands

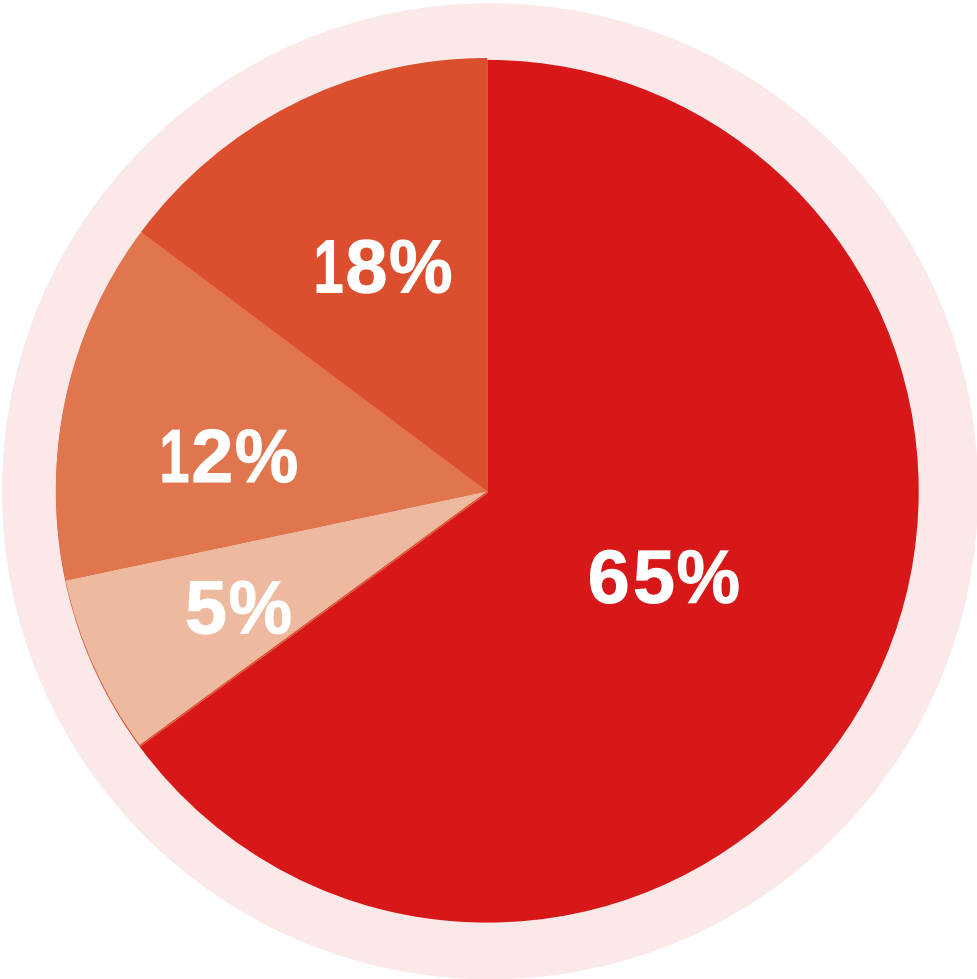
原厂字符无阴影透光 Shadeless Closed Character  A keyboard layout with black keycaps and orange accents. A single black keycap with orange text is shown below.	原厂小语种 Cherry Profile  A keyboard layout with green and purple keycaps. A single purple keycap is shown below.	OEM键帽 Oem  A keyboard layout with white, blue, and red keycaps. A single red keycap is shown below.	MDA球帽 Mda  A keyboard layout with white, blue, and green keycaps. A single green keycap is shown below.
ASA键帽 Asa  A keyboard layout with white, black, and red keycaps. A single red keycap is shown below.	DSA键帽 Dsa  A keyboard layout with white, black, and red keycaps. A single red keycap is shown below.	矮轴键帽 Low Profile  A keyboard layout with white, black, and blue keycaps. A single blue keycap is shown below.	等高线 Contour  A keyboard layout with black and purple keycaps. A single purple keycap is shown below.

生产能力Production Capacity			
Product 产品	Monthly Capacity 月产能	Expandability 可扩产能	Expandability Rate 可扩产比率
Double-shot 双色键帽产品	1,500 k pcs	1,800 k pcs	20%
Dye-sublimation keycap 热升华键帽	1,000 k pcs	1,200 k pcs	20%
Spry painting keycap 喷油键帽	200 k pcs	800 k pcs	50%
metal keycap 金属键帽	5 k pcs	10 k pcs	100%

设备规格清单Equipment Spec Lis				
Item 区分	Name 设备名称	Model 型号(吨)	Q'ty 数量(台)	Brand 品牌
Double Shot Injection Machine 78 units 双色注塑机78台	Double-shot Injection machine	550T 400T 280T 160T	28 38 11 1	富强鑫
Single Shot Injection 22 units 单色注塑机22台	Single-shot Injection machine	120T 160T 200T	3 4 15	伊之密 富强鑫
Dye sublimation machine 90units	Dye sublimation machine		Dye sublimation machine	

营业额增长
Turnover Growth





Customer share
of total sales

- AULA 18% 狼蛛
- VGN 12%
- RK 5%
- Other 65% 其他

CLIENTS

5
企业客户



公司文化 Company Culture

为你提供可靠的键帽设计与加工服务

Provide you with reliable keycap design and processing services

依质量求生存 Driven by Qualit

遵循ISO9001和TS16949质量管理体系进行规范运作。通过设计、工艺和过程控制三个阶段优化模具，严格把控质量，追求产品“零缺陷”目标。

Operate under ISO9001 and TS16949 quality management systems. We optimize molds through design, process, and control stages, strictly ensuring quality to achieve "zero defects."

依创新求发展 Develop by Innovation

通过引进先进技术，我们打造了专业稳定的研发团队，并建立实验团队，快速高效地为客户提供解决方案。

We have built a skilled R&D team and a testing team to provide quick and efficient solutions using advanced technologies.

GAOXD 高新达

Our team



THANKS