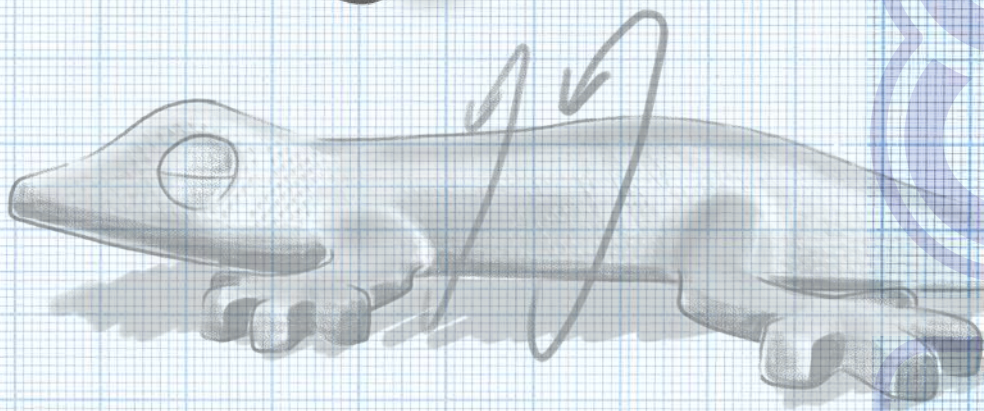
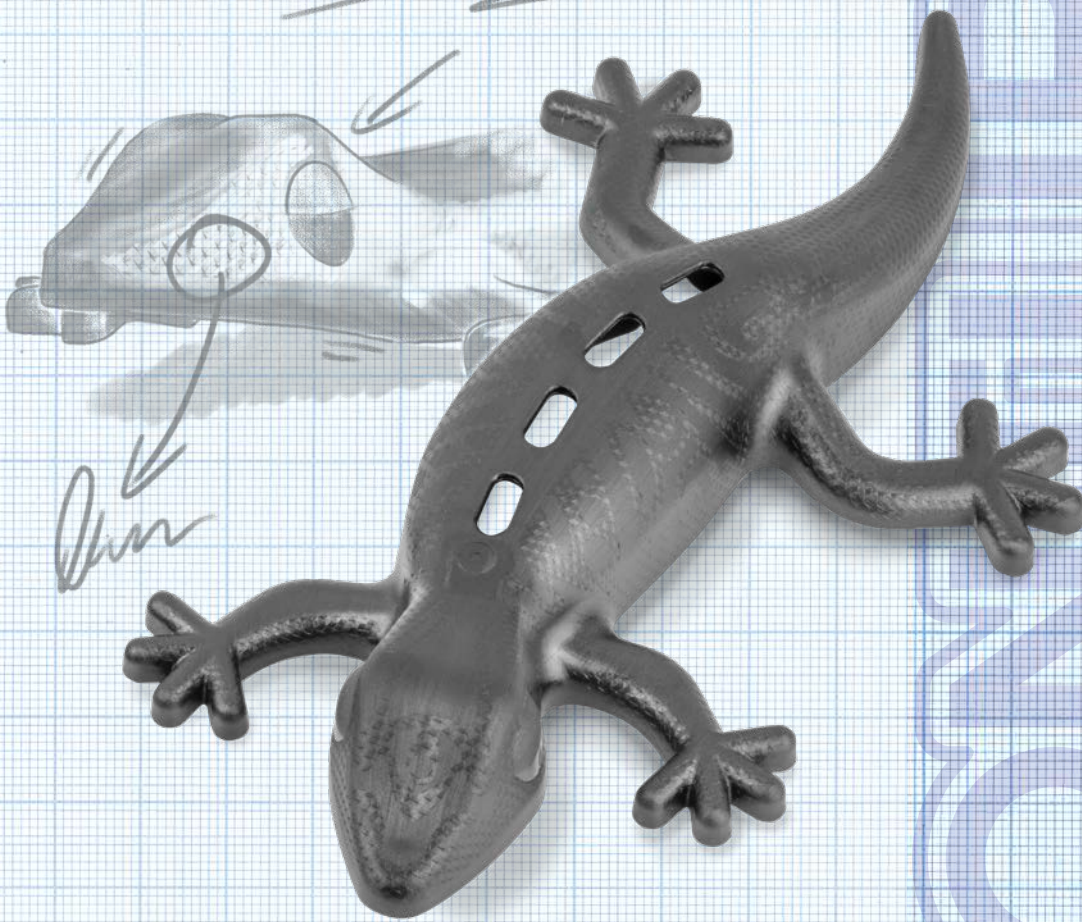


蜥蜴产品案例

The Gekko Project



COOLIBRA

CASE STUDY



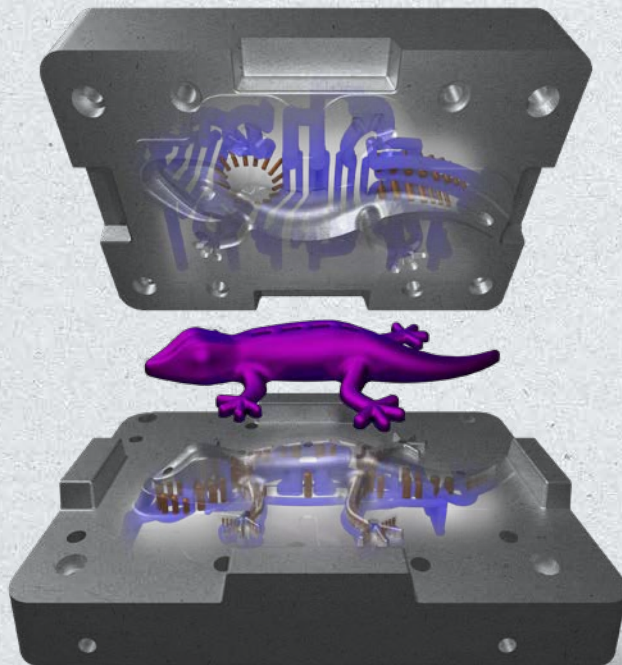


Enhanced quality of the desired surfaces

- matt surfaces can also be realized very well
- detailed reproduction of fine structures
- no need for cost-intensive processing:
 - no coatings
 - no foil back injection molding
 - no mechanical post-processing

提高所需表面的质量

- 哑光表面也可以很好地实现
- 精细结构的详细再现
- 无需高成本处理工艺:
 - 无涂层
 - 无铝箔背面注塑成型
 - 无需机械后部工艺



Structured surfaces 结构化表面

The combination of variothermic process control with contour-following tool temperature control results in the following benefits.

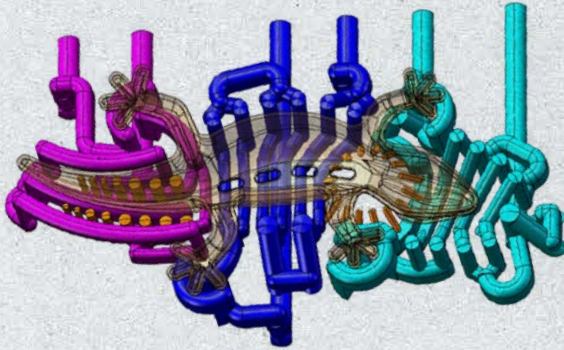
变温过程控制与随形冷却温度控制相结合，可带来以下优势。

Benefits of a warmer cavity during the injection process:

在注射过程中使用较暖的腔体的好处：

- Reduced visible flow lines and silver streaks
- Greater homogeneity during the orientation of glass fibres
- Reduced visible weldlines
- Reduced risk of warping due to shrinkage
- Improved dimensional stability and consistency
- Better mechanical characteristics
- Reduced sink marks
- Reduced scrap rate
- Approx. 30% cycle time reduction

- 减少可见的流线和银色条纹
- 玻璃纤维取向时更均匀
- 减少可见焊缝
- 降低因收缩而翘曲的风险
- 提高尺寸稳定性和一致性
- 更好的机械特性
- 减少缩痕
- 降低瑕疵品率
- 成型周期缩短约30%



Location of the variothermic, close-contour tempering channels on the nozzle side (visible face), divided into three zones.

Contour-following temperature control on the injector side. Controllable in two different cycles.

变温位置，上紧密轮廓的回火通道喷嘴侧（可见面），分为三个区域。

随形冷却温度控制在注射端可在两个不同的成型周期中控制。

Benefits at a glance: 优势一目了然

>30%
cyclotime reduction

成型周期缩短30%以上

more
PARTS
in less time

更少时间，更多产品

**BETTER
SURFACE
STRUCTURE**

更好的表面结构

improved
**PROCESS
STABILITY**

提升工艺稳定性

Significantly
**less
waste**

显著减少浪费

optional performance
GUARANTEE

产品视觉保证

controllable different
CIRCUITS

可控不同回路

Safety through
SIMULATION

已通过安全生产模拟

reduced
CO₂
footprint

减少二氧化碳排放

CASE STUDY

大中华区经销商



苏州市默克尔液压系统有限公司
Suzhou Merkle Hydraulic System Co., Ltd.
苏州市工业园区唯新路50号益创科技园11幢2楼201室, 邮编215122
Room 201, 2nd Floor, 11th Building, Yichuang Science Park,
#50 Weixin Road, SIP, Suzhou 215122, P.R. China

Phone: +86 512 6296 9386
Mobile: +86 150 1385 6625
Email: info@ahpmerklechina.com

