



Zero Cooling™

零冷却(申请专利中)的先进技术可提高质量和产量

ASB

Form Your Vision

特色

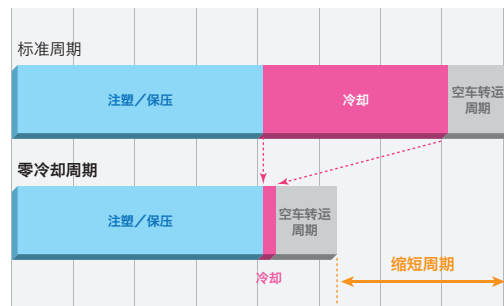
- 可以在不影响容器质量的情况下进行最佳的瓶胚设计。
- 注塑工位的冷却时间为零。
- 在第二工位进行必要的瓶胚冷却。
- 与包括R-PET在内的所有PET塑料等级兼容。
- 容器轻量化的可能性进一步扩大。

通过零冷却改善成型制品

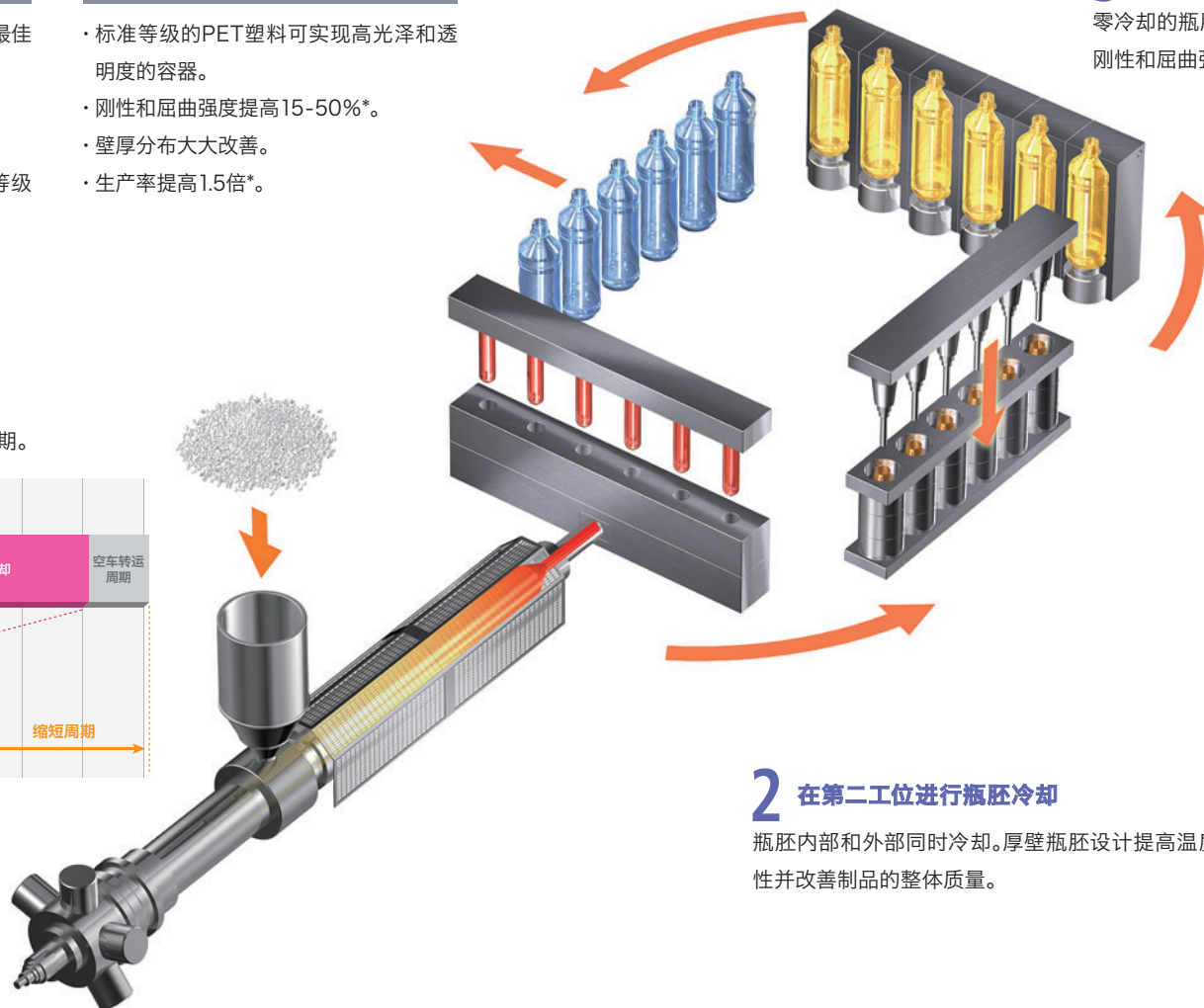
- 标准等级的PET塑料可实现高光泽和透明度的容器。
- 刚性和屈曲强度提高15-50%*。
- 壁厚分布大大改善。
- 生产率提高1.5倍*。

1 注塑工位的零冷却

将冷却时间减至零以缩短整个生产周期。

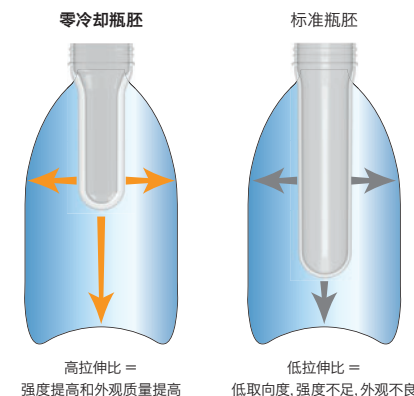


*取决于容器规格。



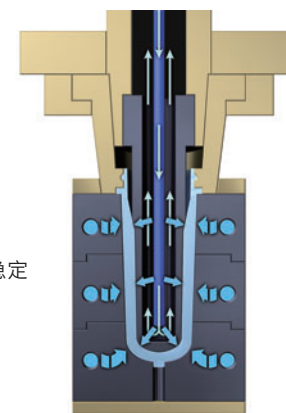
3 优化的瓶胚拉伸吹塑比例

零冷却的瓶胚设计相对较短和厚,从而拉伸吹塑比增加,致使提高刚性和屈曲强度而外观精美。



2 在第二工位进行瓶胚冷却

瓶胚内部和外部同时冷却。厚壁瓶胚设计提高温度均匀性和稳定性并改善制品的整体质量。





Zero Cooling™

Patented Technology for Enhanced Quality & Productivity

ASB

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Special Features

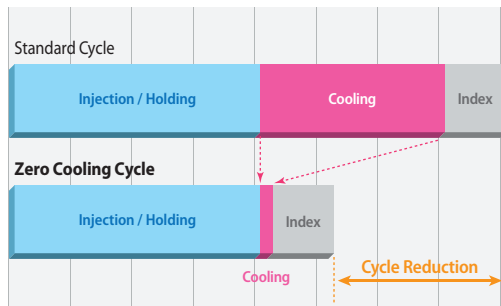
- Preform design is 100% optimized for container quality.
- Cooling time eliminated from injection station.
- Preform cooling provided by ASB Series 2nd station.
- All PET resin grades including R-PET.
- Increased opportunity for light-weighting of containers.

Molded Product Improvements

- Container clarity & brilliance, even with standard PET resin grades.
- Stiffness & top-load strength increased by 15-50%.
- Wall thickness consistency dramatically increased.
- 1.5X* increased productivity.

1 Zero Cooling at the Injection Station

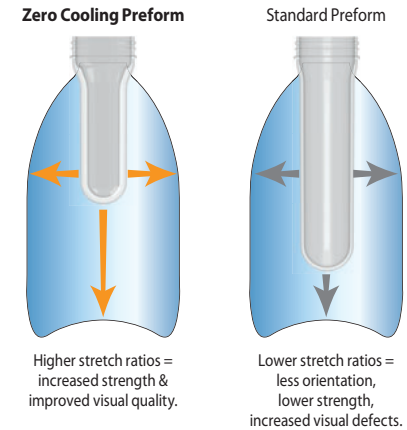
By virtually eliminating cooling time, a direct saving on overall molding cycle is achieved.



* Average figure, subject to container specification.

3 Optimized Preform Stretch / Blow

The shorter & thicker Zero Cooling preform is quality optimized for higher stretch/blow ratios resulting in higher stiffness, top-load strength and improved visual quality.



2 Preform Cooling at the Second Station

Preforms are cooled on both the inner and outer surfaces. Thicker wall of Zero Cooling preform improves temperature stability and equalization for improved overall quality.

