

MPLA L600H

APPLICATIONS (产品说明)

ZHOSO® L600H 是一款基于聚乳酸 (PLA) 改性的耐热注塑级产品，提升产品韧性及高抗冲性，加快聚乳酸 (PLA) 对产品的结晶成型效率，产品成型后根据不同产品的测试温度，可耐热到65° -80° 间，提高成型产品的品质。

Properties (物理性能)

Mechanical 项目	Test Condition 条件	S. I. Unit 单位	Test Standard 测试方法	S. I. Typical Value 额定值
Density 比重		g/cm³	ASTMD792	1.44
Flow index 熔体流动速率	190° C/2.16 kg	g/10 min	ASTMD1238	20.5
Tensile Strength 拉伸强度	50mm/min	Mpa	ASTMD638	45.6
Tensile Strain at Break 断裂伸长率	50mm/min	%	ASTMD638	24.1
Flexural Strength 弯曲强度	10mm/min	Mpa	ASTMD790	76.3
Flexural Modulus 弯曲模量	10mm/min	Mpa	ASTMD790	2950.65
Izod Notched Impact Strength 缺口冲击强度	23° C	KJ/m²	ASTMD256	5.6
melting point 熔点		° C	ASTMD4591	170

Application guide (应用指南)

- 1) Baking time: 2-3 hours Baking temperature: about 60° .
烤料时间：2-3小时 烤料温度：60° 左右。
- 2) Screw temperature: section 1 section mold mouth 190 ° section 2 section 175° 3 section 175° 4 section 170° 5 section 170° 6 section 165°
螺杆温度：1段模嘴190° 2段175° 3段175° 4段170° 5段170° 6段165°
- 3) Product cooling cycle: the time of ordinary plastic materials should be extended by about 1 / 3.
产品冷却周期：同对比普通塑胶材料时间需延长约1/3。
- 4) The degradable materials cool slow, so it is recommended that the mold transport water before and after the mold be connected with room temperature water or frozen water.
降解材料冷却慢，所以建议模具前后模运水接常温水或是冷冻水。

remarks (备注) :

1. The above data are laboratory test data, which is only a reference when applicable to customers, and is not used as a guarantee of quality indicators and for any other purposes
以上数据为实验室测试数据，只供客户参考，不作为品质指标的保证及其他任何用途的保证
2. The above application guide parameters are for reference only, and the above processes can be adjusted appropriately according to different models, molds and product requirements
上应用指南参数仅供参考，可以根据不同机型/模具以及产品要求，对上述工艺进行适当调



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