

全生物降解注塑专用料—FY201

产品特点

丰原福泰来聚乳酸FY201是安徽丰原生物技术股份有限公司的生物基降解材料产品之一，是以玉米等可再生资源发酵产生的乳酸，再经乳酸聚合生成的高分子材料。

FY201具有高熔体流动速率、高熔点等特点，适用于注塑和熔喷无纺布等应用。通过利用FY201的结晶性能，由该牌号制成的产品热变形温度可高达100° C以上，且具有优异的高光外观；另外，高熔体流动速率使其更适用于薄壁注塑领域。

FY201 has the characteristics of high melt flow rate and high melting point, and is suitable for applications such as injection molding and meltblown nonwovens. By taking advantage of the crystalline properties of FY201, the heat distortion temperature of products made of this grade can be as high as 100° C or more, and it has an excellent high-gloss appearance; in addition, the high melt flow rate makes it more suitable for thin-wall injection molding.

物理性质

检测项目	Items	单位	Units	数值	Typical Value
密度	Specific Gravity	g/m ³		1.24	
水分	Moisture	%		≤0.04	
单位含量	The unit content	%		≤0.3	
熔融指数	Melt flow index	190°C/2.16kg		30	
D-含量	D-content	%		<1	
熔点	Melting Point	°C		175	
玻璃化转变温度	Glass transition temperature	°C		60	
拉伸强度	Tensile Strength	Mpa		50	
断裂伸长率	Elongation at break	%		≤5	

表中数据为典型参考数据，不能作为规格参数。

The data in the table are typical reference data and cannot be used as specification parameters.

典型用途

用于制作一次性耐温餐具，耐久耐温的日用品；制造口罩用熔喷布，更适用于制作薄壁注塑类产品。

Used for production of disposable tableware of heat-resistant, durable and heat-resistant commodity; Face-mask with melt-blown cloth, more suitable for the production of thin-wall injection molding products.

规格存储

- 包装规格：25kg/袋或1000kg/袋，充氮保护。
- 贮存条件：贮存在通风、干燥的仓库内，远离火源，防止阳光直接照射，不得露天堆放。
- 产品运输：装卸过程中严禁使用铁钩等锐利工具，运输时，不得在阳光下曝晒或雨淋，不得与沙土、碎金属、有毒物品、腐蚀性物品以及易燃物混装。
- Specifications: Packed in 25KG or 1000KG, filled with nitrogen for protection.
- Storage conditions: Stored in ventilated and dry warehouse, away from fire, prevent sun direct illuminate, shall not be open to pile up.
- Product transportation: Said hook, etc, is strictly prohibited in the process of loading and unloading tools, transportation, not exposure in the sun or rain, not with SARS, crushed metal, toxic substances, and corrosion.