



Technical Data Sheet / 技术数据表

2022/05/05

Globalene ST031		Polypropylene Impact Copolymer 聚丙烯耐冲击共聚合物	
Features 特性: •Good moldability 成型性佳 •Excellent long term heat resistance 长期热安定性优 •Good impact resistance at low temperature 低温耐冲击性佳	Typical Application 一般应用: •Injection: automotive part, appliance, washer tub 汽车配件、家电、洗衣机滚筒		
Typical Property 一般性质	Test Method 测试方法	Unit 单位	Value 数值
Melt flow rate (230℃, 2.16kg) 熔融流率	ASTM D1238	g/10min	14
Density 密度	ASTM D792	g/cm³	0.898
Elongation at yield 降伏点伸张率	ASTM D638	%	6
Elongation at break 断裂点伸张率	ASTM D638	%	60
Tensile strength at yield 降伏点抗张强度	ASTM D638	kg/cm²	270
Flexural modulus 弯曲弹性系数	ASTM D790	kg/cm²	14200
Rockwell hardness 洛氏硬度	ASTM D785	R scale	82
Heat deflection temperature (4.6 kg/cm²) 热变形温度	ASTM D648	℃	95
Izod impact strength, notched 23℃ 艾氏冲击强度, 切口 23℃	ASTM D256	kg-cm/cm	10
Izod impact strength, notched -20℃ 艾氏冲击强度, 切口 -20℃	ASTM D256	kg-cm/cm	4.0
Drop Weight Impact strength, texture up, -29℃ 落球冲击强度	LCY	ft-lb	20
Mold shrinkage 收缩率	ASTM D955	%	1.3

Storage and Handling 储放与处置

The inspected and qualified PP pellets will have a shelf life of minimum two years which is estimated from production date, if it is stored at LCY's best condition of proper temperature below 40°C, adequate humidity below 80%, complete package and indoor warehouse with specific protection from damage. However customers might not fully follow the recommendation to conduct the optimal storage condition, the shelf life is recommended six months only at customer site as received.

本公司所生产聚丙烯(塑料粒)经首次产品验证程序确认质量后, 在适合的温度(低于 40° C)、适当的湿度(低于 80%)、包装袋完整、且具有防护设备的仓库储存下, 其有效使用期限至少 2 年(以制造日期起算)。考虑客户端的储存条件可能无法完全依照本公司建议来执行, 客户在购入聚丙烯产品(塑料粒)后, 保存期限建议最高为 6 个月。

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- The values quoted here are typical of the grade. It should not be construed as specification.
这里引用的是该牌号的典型值。它不应该被解释为产品规格/规范。
- Ultimately customers must make their own independent determination that these products are suitable for the intended use, and their use of our product is safe, lawful (except as provided in the above information) and technically suitable in their intended applications.
客户必须根据其预期或打算的最终成品用途, 来判断与决定列于此的产品(材料)是适合的, 并且考虑到这样的材料与用途组合不仅能符合相关安全与法规要求(除了以上提供的数据外), 并且也满足在技术层面的需求。

