

**LCY CHEMICAL CORP**

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ISO 9001, 14001 and OHSAS 18001 Certified

ISO 9001, 14001 與 OHSAS 18001 認證

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Globalene PT231M**Polypropylene Healthcare Grade 醫療器械用途級聚丙烯****Features 特性:**

- High flow rate 高流動性
- High transparency 高透明性
- High stiffness 高剛性

Typical Application 一般應用:

- Injection molding:
Non pre-filled syringe 非預充填針筒

Typical Properties 一般性質	Test Method 測試方法	Unit 單位	Value 數值
Melt flow rate (230°C, 2.16kg) 熔融流率	ASTM D1238	g/10min	26
Density 密度	ASTM D792	g/cm ³	0.907
Elongation at yield 降伏點伸張率	ASTM D638	%	8
Elongation at break 斷裂點伸張率	ASTM D638	%	20
Tensile strength at yield 降伏點抗張強度	ASTM D638	kg/cm ²	400
Flexural modulus 彎曲彈性係數	ASTM D790	kg/cm ²	19300
Rockwell hardness 洛氏硬度	ASTM D785	R scale	105
Heat deflection temperature (4.6 kg/cm ²) 熱變形溫度	ASTM D648	°C	124
Izod impact strength, notched 23°C 艾氏衝擊強度, 切口 23°C	ASTM D256	kg-cm/cm	2.0
Mold shrinkage 收縮率	ASTM D955	%	1.2

Storage and Handling 儲放與處置

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.

本公司所生產聚丙烯(塑膠粒)經首次產品驗證程序確認品質後，在適合的溫度(低於 40°C)、適當的濕度(低於 80%)、包裝袋完整、且具有防護設備的倉庫儲存下，其有效使用期限至少 2 年(以製造日期起算)。考量客戶端的儲存條件可能無法完全依照本公司建議來執行，客戶在購入聚丙烯產品(塑膠粒)後，保存期限建議最高為 6 個月。

Disclaimer 免責聲明

The values quoted here are typical of the grade; however, it is important to recognize that some variation around these values is to be expected as a result of uncertainties associated with measurement of the specific property and due to the normal variations encountered during the manufacturing process.

以上所列之各項數據為實驗參考值，唯因使用時加工條件及環境之不同，而產生之差異非本公司所能保證與控制。

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