



## Technical Data Sheet / 技術資料表

Globalene 7101		Polypropylene Impact Copolymer 聚丙烯耐衝擊共聚物		
<b>Features 特性:</b> <ul style="list-style-type: none"> <li>Good impact resistance at low temperature 低溫耐衝擊性佳</li> <li>Good balance of stiffness and toughness 良好剛性與韌性的平衡</li> </ul>	<b>Typical Application 一般應用:</b> <ul style="list-style-type: none"> <li>Extrusion: sheet, pipe 板、管</li> <li>Blow molding: bottle 瓶</li> </ul>			
<b>Typical Property 一般性質</b>	<b>Test Method 測試方法</b>	<b>Unit 單位</b>	<b>Value 數值</b>	
Melt flow rate (230°C, 2.16kg) 熔融流率	ASTM D1238	g/10min	1.3	
Density 密度	ASTM D792	g/cm <sup>3</sup>	0.899	
Elongation at yield 降伏點伸張率	ASTM D638	%	7	
Elongation at break 斷裂點伸張率	ASTM D638	%	247	
Tensile strength at yield 降伏點抗張強度	ASTM D638	kg/cm <sup>2</sup>	287	
Flexural modulus 彎曲彈性係數	ASTM D790	kg/cm <sup>2</sup>	15800	
Rockwell hardness 洛氏硬度	ASTM D785	R scale	88	
Heat deflection temperature (4.6 kg/cm <sup>2</sup> ) 熱變形溫度	ASTM D648	°C	99	
Izod impact strength, notched 23°C 艾氏衝擊強度, 切口 23°C	ASTM D256	kg-cm/cm	23	
Izod impact strength, notched -20°C 艾氏衝擊強度, 切口 -20°C	ASTM D256	kg-cm/cm	6.6	
Drop Weight Impact strength, texture up, -29°C 落球衝擊強度	LCY	ft-lb	17	
Mold shrinkage 收縮率	ASTM D955	%	1.6	

### 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。