



## Globalene PC3009

## Polypropylene Composite Material Alloy 聚丙烯複合材料

### Features 特性:

- Extra low MFR 超低流動性
- High impact resistance 高耐衝擊性
- Stiffness 剛性
- Meet UL94V2 符合 UL94V2 難燃級

### Typical Application 一般應用:

- Extrusion : 押出(擠出)成型
- Blow molding : 中空成型

Typical Properties	Test Method	Unit	Value
一般性質	測試方法	單位	數值
Melt flow rate (230°C,2.16kg) 熔融流率	ASTM D1238	g/10min	0.8
Density 密度	ASTM D792	g/cm <sup>3</sup>	0.93
Tensile strength at yield 降伏點抗張強度	ASTM D638	kg/cm <sup>2</sup>	340
Elongation at yield 降伏點伸長率	ASTM D638	%	11
Flexural modulus 彎曲彈性係數	ASTM D790	kg/cm <sup>2</sup>	14500
Izod Impact strength, notch 23°C 艾氏衝擊強度, 缺口 23°C	ASTM D256	kg-cm/cm	24
Heat deflection temperature 熱變形溫度	ASTM D648	°C	102
Rockwell hardness 洛氏硬度	ASTM D785	R scale	90
Mold shrinkage 收縮率	ASTM D955	%	1.5
Flame retardant rating 阻燃性	UL94	1.6mm	V2

### Product Stewardship Information 產品責任資訊

#### a. RoHS Directive 歐盟有害物質限制指令

Globalene PC3009 meets the requirements of RoHS Directive

福聚烯 PC3009 符合歐盟有害物質限制指令

#### b. Chemical Inventories 化學品庫

All ingredients in PC3009 are in compliance with the following chemical inventories :

福聚烯 PC3009 之所有成份均登記於下列化學品庫中 :

- (1) TSCA(U.S.A) (2) DSL(Canada)

#### c. Product Information 產品信息

This product is subject to the migration risk of flame retardants under different environmental conditions. Users should make their own assessment carefully. Also note that the properties of the colored material may differ from those described above.





ISO 9001,14001 and OHSAS 18001 Certified

ISO 9001, 14001 與 OHSAS 18001 認證

本產品於不同環境使用條件下，阻燃劑有析出的風險，請注意評估。另染色材料特性可能與上述數據不同。

#### Disclaimer

The values quoted here are typical of the grade and obtained from LCY lab. 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. We hope above information is sufficient. Because of possible changes in the law and in the regulations, we recommend that customers continuing to use our products verify status every year from this date. We cannot anticipate all conditions under which this information and our products or the products of other manufacturers in combination with our products may be used. We accept no responsibility for the results obtained by the application of this information or the safety and suitability of our products alone or in combination with other products. Before using a LCY product, customers and other users should make their own independent determination that the product is suitable for the intended use. They should also ensure that they can use the LCY product safely and legally. This document does not constitute a warranty, express or implied, including a warranty of merchantability or fitness for a particular purpose. No one is authorized to make such warranties or assume any liabilities on behalf of LCY except in writing signed by an authorized LCY employee. In no event shall LCY be liable for special, consequential, incidental, punitive, or exemplary damages.

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