



## Globalene ST302

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

Features 特性:		Typical Application 一般應用:		
• Low MFR	低流動性	•Extrusion : 押出(擠出)成型		
• High impact resistance	高耐衝擊性	Sheet	板	
• Meet UL94V2	符合 UL94V2 難燃級	Wire/Tube	電線導管	
		•Injection : 射出成型		
		Appliances	家電	
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	2.3	
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>	260	
Elongation at yield 降伏點伸長率	ASTM D638	%	7	
Flexural modulus 彎曲彈性係數	ASTM D790	kg/cm <sup>2</sup>	13000	
Izod Impact strength, notch 23°C 艾氏衝擊強度, 缺口 23°C	ASTM D256	kg-cm/cm	25	
Heat deflection temperature 熱變形溫度	ASTM D648	°C	98	
Rockwell hardness 洛氏硬度	ASTM D785	R scale	80	
Mold shrinkage 收縮率	ASTM D955	%	1.4	
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 ST302 meets the requirements of RoHS Directive

福聚烯 ST302 符合歐盟有害物質限制指令

#### b. Chemical Inventories 化學品庫

All ingredients in ST302 are in compliance with the following chemical inventories :

福聚烯 ST302 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.

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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