

## Globalene SD9202

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

### Features 特性:

- Superior long term thermal stability 絕佳長期熱安定性
- Copper degradation resistance 抗銅降解性
- Excellent impact resistance 耐衝擊性優
- Low temperature impact resistance 低溫耐衝擊性

### Typical Application 一般應用:

- Extrusion : 擠出成型  
Wire/Cable 電線/電纜

| Typical Properties                             | Test Method | Unit               | Value |
|------------------------------------------------|-------------|--------------------|-------|
| 一般性質                                           | 測試方法        | 單位                 | 數值    |
| Melt flow rate (230℃,2.16kg) 熔融流率              | ASTM D1238  | g/10min            | 2.2   |
| Density 密度                                     | ASTM D792   | g/cm <sup>3</sup>  | 0.9   |
| Tensile strength at yield 降伏點抗張強度              | ASTM D638   | kg/cm <sup>2</sup> | 250   |
| Elongation at yield 降伏點伸長率                     | ASTM D638   | %                  | 8     |
| Flexural modulus 彎曲彈性係數                        | ASTM D790   | kg/cm <sup>2</sup> | 12000 |
| Izod Impact strength, notch 23℃ 艾氏衝擊強度, 缺口 23℃ | ASTM D256   | kg-cm/cm           | NB    |
| Heat deflection temperature 熱變形溫度              | ASTM D648   | ℃                  | 86    |
| Rockwell hardness 洛氏硬度                         | ASTM D785   | R scale            | 75    |
| Mold shrinkage 收縮率                             | ASTM D955   | %                  | 1.4   |
| Dielectric constant 介電常數                       | ASTM D150   | kHz                | 2.3   |

## Product Stewardship Information 產品責任資訊

### a. RoHS Directive 歐盟有害物質限制指令

Globalene SD9202 meets the requirements of RoHS Directive

福聚烯 SD9202 符合歐盟有害物質限制指令

### b. Chemical Inventories 化學品庫

All ingredients in SD9202 are in compliance with the following chemical inventories :

福聚烯 SD9202 之所有成份均登記於下列化學品庫中：

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

### 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

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