

## Globalene PF4206

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

### Features 特性:

- High stiffness 高剛性
- High HDT 高熱變形溫度

### Typical Application 一般應用:

- Injection : 射出成型  
Appliances 家電  
Houseware 家庭用品  
Furniture 家具
- Extrusion : 擠出成型  
Sheet 板材

### 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) 熔融速率

ASTM D1238

g/10min

3.5

Density 密度

ASTM D792

g/cm<sup>3</sup>

1.04

Tensile strength at yield 降伏點抗張強度

ASTM D638

kg/cm<sup>2</sup>

360

Elongation at yield 降伏點伸長率

ASTM D638

%

6

Flexural modulus 彎曲彈性係數

ASTM D790

kg/cm<sup>2</sup>

24000

Izod Impact strength, notch 23°C 艾氏衝擊強度, 缺口 23°C

ASTM D256

kg-cm/cm

3.6

Heat deflection temperature 熱變形溫度

ASTM D648

°C

127

Rockwell hardness 洛氏硬度

ASTM D785

R scale

99

Mold shrinkage 收縮率

ASTM D955

%

0.9

## Product Stewardship Information 產品責任資訊

### a. RoHS Directive 歐盟有害物質限制指令

Globalene PF4206 meets the requirements of RoHS Directive

福聚烯 PF4206 符合歐盟有害物質限制指令

### b. Chemical Inventories 化學品庫

All ingredients in Globalene PF4206 are in compliance with the following chemical inventories:

福聚烯 PF4206 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 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 LVI 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 LVI 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 LVI except in writing signed by an authorized LVI employee. In no event shall LVI be liable for special, consequential, incidental, punitive, or exemplary damages.

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