

Globalene SI4101

Polypropylene Composite Material Alloy 聚丙烯複合材料

Features 特性:

- High MFR 高流動性
- Stiffness 剛性
- High HDT 高熱變形溫度
- Impact resistance 衝擊性

Typical Application 一般應用:

- Injection : 射出成型
 - Appliances 家電
 - Houseware 家庭用品
 - Battery case 電池殼

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	14
Density 密度	ASTM D792	g/cm ³	1.0
Tensile strength at yield 降伏點抗張強度	ASTM D638	kg/cm ²	250
Elongation at yield 降伏點伸長率	ASTM D638	%	4
Flexural modulus 彎曲彈性係數	ASTM D790	kg/cm ²	17500
Izod Impact strength, notch 23℃ 艾氏衝擊強度, 缺口 23℃	ASTM D256	kg-cm/cm	5
Heat deflection temperature 熱變形溫度	ASTM D648	℃	118
Rockwell hardness 洛氏硬度	ASTM D785	R scale	81
Mold shrinkage 收縮率	ASTM D955	%	1.0

Product Stewardship Information 產品責任資訊

a. RoHS Directive 歐盟有害物質限制指令

Globalene SI4101 meets the requirements of RoHS Directive

福聚烯 SI4101 符合歐盟有害物質限制指令

b. Chemical Inventories 化學品庫

All ingredients in SI4101 are in compliance with the following chemical inventories :

福聚烯 SI4101 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. UL Certification 美國 UL 認證

Globalene SI4101 is certificated with UL94HB ,RTI=65℃ ,UL File No. E85783

福聚烯 SI4101 通過美國 UL94HB ,RTI=65℃ 認證, UL 檔案編號 E85783

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

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