

Globalene PM9005

Polypropylene Composite Material Alloy 聚丙烯複合材料

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	36
Density 密度	ASTM D792	g/cm ³	0.9
Tensile strength at yield 降伏點抗張強度	ASTM D638	kg/cm ²	395
Elongation at yield 降伏點伸長率	ASTM D638	%	7
Flexural modulus 彎曲彈性係數	ASTM D790	kg/cm ²	19200
Izod Impact strength, notch 23°C 艾氏衝擊強度, 缺口 23°C	ASTM D256	kg-cm/cm	1.8
Heat deflection temperature 熱變形溫度	ASTM D648	°C	112
Rockwell hardness 洛氏硬度	ASTM D785	R scale	106
Mold shrinkage 收縮率	ASTM D955	%	1.2

Features 特性:
• High MFR 高流動性
• High stiffness 高剛性
• High transparency 高透明性
• Gamma irradiation resistance 抗伽馬射線

Typical Application 一般應用:
• Injection:
Centrifuge tube 離心管
Pipette 滴管
Laboratory parts 實驗室配件

Product Stewardship Information 產品責任資訊

a. RoHS Directive 歐盟有害物質限制指令

Globalene PM9005 meets the requirements of RoHS Directive

福聚烯 PM9005 符合歐盟有害物質限制指令

b. Chemical Inventories 化學品庫

All ingredients in PM9005 are in compliance with the following chemical inventories :

福聚烯 PM9005 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. Food contact application 食品接觸應用

The base resin in Globalene PM9005 is as specified in the Code of Federal Regulations, Title 21 CFR177.1520(a)(3)(i) and (c)3.1a. All the ingredients used in Globalene PM9005 meet the respective FDA regulations and 21 CFR 177.1520(b) for use in direct contact with food.

福聚烯 PM9005 樹脂符合美國食品及藥物管理局 21 CFR 177.1520(a)(3)(i)與(c)3.1a 之規範,且所有添加成份亦符合各自章節與 CFR 177.1520(b) 之規定,可直接與食物接觸



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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