



# Pro-fax SJ3003

## Polypropylene Composite Material Alloy

### 聚丙烯複合材料

#### Features 特性:

- Good Moldability 成型性佳
- High Impact Strength 高耐衝擊性
- UL94V2 UL94V2 難燃級

#### Typical Application 一般應用:

- Injection:
  - Appliances 家電
  - Houseware 家庭用品
  - Connector 連接器

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) 熔融流率	ASTM D1238	g/10min	17
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>	264
Elongation at yield 降伏點伸張率	ASTM D638	%	6.5
Flexural modulus 彎曲彈性係數	ASTM D790	kg/cm <sup>2</sup>	12600
Rockwell hardness 洛氏硬度	ASTM D785	R scale	84
Heat deflection temperature 熱變形溫度	ASTM D648	°C	105
Izod impact strength, notched, 23°C 艾氏衝擊強度, 切口 23°C	ASTM D256	kg-cm/cm	7.6
Drop Weight Impact strength, texture up, 23°C/-29°C 落球衝擊強度	TPP	ft-lb	- / -
Mold shrinkage 收縮率	ASTM D955	%	1.4

#### Product Stewardship Information 產品責任資訊

##### RoHS Directive 歐盟有害物質限制指令

Pro-fax SJ3003 meets the requirements of RoHS Directive  
福聚烯 SJ3003 符合歐盟有害物質限制指令

##### Chemical Inventories 化學品庫

All gradients in Pro-fax SJ3003 are in compliance with the following chemical inventories :  
福聚烯 SJ3003 之所有成份均登記於下列化學品庫中 :  
(1) TSCA(U.S.A) (2) DSL(Canada)

##### UL Certification 美國 UL 認證

Pro-fax SJ3003 is certificated with UL 94V2  
UL File No. 85783  
福聚烯 SJ3003 通過美國 UL 94V2 認證  
UL 檔案編號 E85783

The values quoted here are typical of the grade, 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.

以上所列之各項數據為實驗參考值, 唯因使用時加工條件及環境之不同, 而產生之差異非本公司所能保證與控制。

**Head Office:** 8th Fl. 113 Chung Shan North Road Sec. 2, Taipei 104 Taiwan, ROC  
**總公司:** 台北市 104 中山北路二段 113 號 8 樓  
**Plant:** 2, Gin Chien Rd., Ta-She Hsiang, Kaohsiung Hsien, 815 Taiwan, ROC  
**工廠:** 高雄縣 815 大社鄉經建路 2 號

Tel: 886-2-25716255  
 Fax: 886-2-25316511  
 Tel: 886-7-3513211  
 Fax: 886-7-3515424