



Pro-fax ST611

Polypropylene Random copolymer

聚丙烯無規共聚物

Features 特性:

- High transparency 高透明性
- Low temperature impact resistance 低溫耐衝擊性佳

Typical Application 一般應用:

- Extrusion: sheet 板
- Blow molding: bottle 瓶
- ISBM: bottle 射吹瓶

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

1.8

Density

密度

ASTM D792

g/cm³

0.897

Tensile strength at yield

降伏點抗張強度

ASTM D638

kg/cm²

290

Elongation at yield

降伏點伸張率

ASTM D638

%

13

Flexural modulus

彎曲彈性係數

ASTM D790

kg/cm²

10300

Rockwell hardness

洛氏硬度

ASTM D785

R scale

83

Heat deflection temperature

熱變形溫度

ASTM D648

°C

84

Izod impact strength, notched, 23°C

艾氏衝擊強度, 切口 23°C

ASTM D256

kg-cm/cm

4.2

Drop Weight Impact strength, texture up, 23°C/-29°C

落球衝擊強度

TPP

ft-lb

22/ -

Mold shrinkage

收縮率

ASTM D955

%

1.4

Product Stewardship Information 產品責任資訊**a. Food approval 食品認可**

The base resin in Pro-fax ST611 is as specified in the Code of Federal Regulations, Title 21 CFR 177.1520(a)(3)(i) and (c)3.1a. All the ingredients used in Pro-fax ST611 meet the respective FDA regulations and 21 CFR 177.1520(b) for use in direct contact with food.

福聚烯 ST611 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。

b. Chemical Inventories 化學品庫

All ingredients in Pro-faxST611 are in compliance with the following chemical inventories:

福聚烯 ST611 之所有成份均登記於下列化學品庫中:

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

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。

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