

## 永嘉烯 YUNGSOX

### 5050M

三元共聚物 TERPOLYMER

#### 用途 Applications

- 電鍍積層膜 Aluminum metallized cast film
- 熱封層膜 Heat sealing layer

#### 特性 Characteristics

- 電鍍性佳 Good metallizing properties
- 低熱封溫度 Low heat seal temperature
- 柔軟性佳 Good softness
- 積層加工性優 Excellent laminates

#### 物性 Typical Properties

項目 Properties	單位 Unit	檢驗方法 Test Method	平均值 Typical Value
熔融指數 Melt Index	g/10min	ISO1133 (ASTM D-1238)	6.5
密度 Density	g/cm <sup>3</sup>	ISO1183 (ASTM D792)	0.90
熔點 Melting Point	°C	DSC	131
熱變形溫度 Heat Deflection Temperature	°C	ISO75 (ASTM D-648)	80
軟化點溫度 Vicat Softening Temperature	°C	ISO306	110
降伏點拉力強度 Tensile Strength at Yield	Kg/cm <sup>2</sup> (MPa)	ISO527 (ASTM D-638)	200 (20)
斷裂點伸長率 Tensile Elongation at Break	%	ISO527 (ASTM D-638)	500
洛氏硬度 Rockwell Hardness	R scale	ISO2039 (ASTM D-785)	85
剛性係數 Flexural Modulus	Kg/cm <sup>2</sup> (MPa)	ISO178 (ASTM D-790)	5,500 (539)
IZOD 衝擊強度 IZOD Impact Strength	Kg.cm/cm Notch (J/m)	ISO 180 (ASTM D-256)	23°C 10 (98) -20°C ---
收縮率 Mold Shrinkage	%	FPC Method	1.0-1.2
濁度 Haze (30μ)	%	FPC Method	< 1.5

本表數據為代表值，僅供選擇品級用途之參考

The details given in this data sheet are our standard value but not specification guaranteed.

#### FDA 認可 FDA Approval

永嘉烯 5050M 符合美國食品及藥物管理局 21 CFR 177.1520 之規範，可直接與食物接觸。

Yungsox 5050M resin meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.

#### USP 生物試驗 USP Biological Reactivity Tests

永嘉烯5050M通過美國藥典塑膠第六級試驗。

Yungsox 5050M resin meets the requirements of USP Plastic Class VI.

