

## 永嘉烯 YUNGSOX

# 3204

### 耐衝擊共聚物 IMPACT COPOLYMER

#### 用途 Applications

- 汽機車大型配件 Larger automotive parts
- 電器零件 Electric appliance parts
- 洗衣機內槽 Washing machine parts
- 工具箱 Tool boxes
- 大型整理箱 Storage boxes
- 薄壁產品 Thin wall products

#### 特性 Characteristics

- 高流動性 High fluidity
- 中衝擊強度 Medium impact strength

#### 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)	29
密度 Density	g/cm <sup>3</sup>	ISO1183 (ASTM D792)	0.90
熔點 Melting Point	°C	DSC	---
熱變形溫度 Heat Deflection Temperature	°C	ISO75 (ASTM D-648)	105
軟化點溫度 Vicat Softening Temperature	°C	ISO306	140
降伏點拉力強度 Tensile Strength at Yield	Kg/cm <sup>2</sup> (MPa)	ISO527 (ASTM D-638)	260 (25)
斷裂點伸長率 Tensile Elongation at Break	%	ISO527 (ASTM D-638)	100
洛氏硬度 Rockwell Hardness	R scale	ISO2039 (ASTM D-785)	95
剛性係數 Flexural Modulus	Kg/cm <sup>2</sup> (MPa)	ISO178 (ASTM D-790)	11,000 (1079)
IZOD 衝擊強度 IZOD Impact Strength	Kg.cm/cm Notch (J/m)	ISO 180 23°C	13 (127)
		(ASTM D-256) -20°C	6 (59)
收縮率 Mold Shrinkage	%	FPC Method	1.3-1.7

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 3204 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 3204 resin meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.

Oct 2023