

永嘉烯 YUNGSOX

RP3015

耐衝擊共聚物 IMPACT COPOLYMER

用途 Applications

- 油漆桶 Pail
- 運動器材 Sports appliance
- 行李箱 Base of luggage
- 載重容器 Heavy duty container

特性 Characteristics

- 含 30% PCR 料 Contained 30% PCR material
- 高衝擊強度 High impact strength
- 低溫脆性優 Excellent resistance to low temperature brittleness
- 剛性佳 Good stiffness

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 | 2 | |
| 密度 Density | g/cm ³ | ISO1183 | 0.90 | |
| 熔點 Melting Point | °C | DSC | --- | |
| 熱變形溫度 Heat Deflection Temperature | °C | ISO75 | 110 | |
| 軟化點溫度 Vicat Softening Temperature | °C | ISO306 | 145 | |
| 降伏點拉力強度 Tensile Strength at Yield | Kg/cm ² | ISO527 | 280 | |
| 斷裂點伸長率 Tensile Elongation at Break | % | ISO527 | 450 | |
| 洛氏硬度 Rockwell Hardness | R scale | ISO2039 | 95 | |
| 剛性係數 Flexural Modulus | Kg/cm ² | ISO178 | 11,200 | |
| IZOD 衝擊強度 IZOD Impact Strength | Kg.cm/cm notch | ISO 180 | 23°C | 40 |
| | | | -20°C | 8 |
| 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.

September 2022