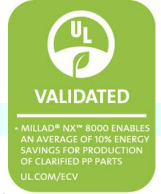


## 永嘉烯 YUNGSOX 5450XT

无规共聚物 POLYPROPYLENE RANDOM COPOLYMER



## 用途 Applications

- 超高透明容器 Super transparency container
- 超透明家庭用品 Super transparency housewares
- 食品容器 Transparency food containers
- 更大型透明收藏箱 Big transparency storage boxes

## 特性 Characteristics

- 更高流动性 High fluidity
- 超高透明性 Super transparency
- 抗化学药品性佳 Good resistance to chemical
- 节能减碳 Energy-saving and carbon reduction

★ 本品必须单独使用，切不可与其它透明料掺混

★ This product must be used alone, not be mixed with other clear PP

## 物性 Typical Properties

| 项目<br>Properties                        | 单位<br>Unit         | 检验方法<br>Test Method | 平均值<br>Typical Value |
|---|--------------------|---------------------|----------------------|
| 熔融指数<br>Melt Index                      | g/10min            | ISO1133             | 45                   |
| 密度<br>Density                           | g/cm <sup>3</sup>  | ISO1183             | 0.90                 |
| 热变形温度<br>Heat Deflection Temperature    | °C                 | ISO75               | 95                   |
| 拉伸屈服强度<br>Tensile Strength at Yield     | Kg/cm <sup>2</sup> | ISO527              | 280                  |
| 断裂点伸长率<br>Tensile Elongation at Break   | %                  | ISO527              | 200                  |
| 洛氏硬度<br>Rockwell Hardness               | R scale            | ISO2039             | 90                   |
| 弯曲模量<br>Flexural Modulus                | Kg/cm <sup>2</sup> | ISO178              | 10,000               |
| 悬臂梁（切口）<br>冲击强度<br>IZOD Impact Strength | Kg.cm/cm notch     | ISO 180 23°C        | 4.5                  |
| 收缩率<br>Mold Shrinkage                   | %                  | FPC Method          | 1.3-1.7              |

本表数据为代表值，仅供选择品级用途之参考

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

## 节能减碳实例 The samples of Energy-saving and carbon reduction

| PP Resin                                 | 射出温度 (°C)<br>Injection temp. | 冷却时间 (秒)<br>Cooling time (s) | 周期时间 (秒)<br>Cycle time(s) |
|--|------------------------------|------------------------------|---------------------------|
| ★ 对抗品 competitor (MI=35)                 | 220                          | 14                           | 34                        |
| Yungsox 5450XT(MI=45)                    | 200                          | 10                           | 30                        |
| 5450XT 较进口料降幅 (%)<br>Comparison analysis | 9.1                          | 28.6                         | 11.8                      |

★ 使用非同型透明剂 Different types of clarifying agent

## FDA 认可 FDA Approval

永嘉烯 5450XT 符合美国食品及药物管理局 21 CFR 177.1520 之规范，可直接与食物接触。  
Yungsox 5450XT resin meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.

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技术服务 Client service

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