

永嘉烯 YUNGSOX

5003H

无规共聚物 RANDOM COPOLYMER

用途 Applications

- 菌菇瓶、汽车副水箱、包装容器等挤出吹塑产品
- Extrusion blow molding as Mushroom breeding bottle, Automotive auxiliary radiator, packaging container, etc.

特性 Characteristics

- 高耐热性 High heat resistance
- 低温脆性佳 Good resistance to low temperature brittleness
- 高冲击强度 High impact strength
- 挤出加工性佳 Excellent processing for extrusion blow molding
- 透明度佳 Good transparency

物性 Typical Properties

项目 Properties	单位 Unit	检验方法 Test Method	平均值 Typical Value
熔融指数 Melt Index	g/10min	ISO1133	0.35
密度 Density	g/cm ³	ISO1183	0.90
维卡软化点 Vicat Softening Temperature	°C	ISO306	130
拉伸屈服强度 Tensile Strength at Yield	Kg/cm ²	ISO527	250
断裂点伸长率 Tensile Elongation at Break	%	ISO527	500
洛氏硬度 Rockwell Hardness	R scale	ISO2039	90
弯曲模量 Flexural Modulus	Kg/cm ²	ISO178	8,000
悬臂梁（切口）冲击强度 IZOD(notched) Impact Strength	Kg.cm/cm notch	ISO 180	(23°C) 40
			(-20°C) 6
熔点 Melting Point	°C	DSC	142
收缩率 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.

FDA 认可 FDA Approval

永嘉烯 5003H 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 5003 resin meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.

修订日期 2016/02/09