

Purell RP270G

聚丙烯无规共聚物

LyondellBasell Industries



IDES | Prospector

ides.com/prospector

Technical Data

产品说明

Purell RP270G is a medium modified random copolymer for extrusion applications with a high chemical resistance. The grade exhibits good clarity and good impact strength and an excellent processability.

Purell RP270G is used for extrusion blow moulding, film and injection moulding in Healthcare applications after approval is given by LyondellBasell.

Purell RP270G is suitable for food contact.

Without exception, all potential activities for applications in the pharmaceutical, medical device, laboratory and diagnostics area have to be discussed with the relevant Technical (P & AD) and Business contacts first.

总体

| | |
|-----------------|---|
| 材料状态 | • 已商用：当前有效 |
| 资料 ¹ | • Technical Datasheet - ISO (English) • Processing - Mold Shrink (English) • Processing - Extrusion (English) • Processing - Injection Molding (English) |
| 搜索 UL 黄卡 | • LyondellBasell Industries |
| 供货地区 | • 北美洲 • 非洲和 • 拉丁美洲 • 欧洲 • 亚太地区 |
| 性能特点 | • 抗冲击性，良好 • 可加工性，良好 • 可用环氧乙烷消毒 • 良好的流动性 • 耐化学性良好 • 清晰度，高 • 食品接触的合规性 • 无规共聚物 |
| 用途 | • 薄膜 • 吹塑成型应用 • 瓶子 • 药物 • 医疗/护理领域的应用 |
| 形式 | • 颗粒料 |
| 加工方法 | • 吹塑薄膜 • 吹塑成型 • 挤出吹塑成型 • 注吹成型 • 注射成型 |

| 物理性能 | 额定值 | 单位制 | 测试方法 |
|------------------------------|-------|------------------------|-------------|
| 密度 | 0.900 | g/cm ³ | ISO 1183 |
| 熔流率 (190°C/2.16 kg) | 1.8 | g/10 min | ISO 1133 |
| 溶化体积流率 (MVR) (230°C/2.16 kg) | 2.40 | cm ³ /10min | ISO 1133 |
| 机械性能 | 额定值 | 单位制 | 测试方法 |
| 拉伸模量 | 950 | MPa | ISO 527-2 |
| 拉伸应力 (屈服) | 25.0 | MPa | ISO 527-2 |
| 拉伸应变 | | | ISO 527-2 |
| 屈服 | 14 | % | |
| 断裂 | > 50 | % | |
| 冲击性能 | 额定值 | 单位制 | 测试方法 |
| 简支梁缺口冲击强度 | | | ISO 179/1eA |
| 0°C | 2.0 | kJ/m ² | |
| 23°C | 6.0 | kJ/m ² | |
| 简支梁缺口冲击强度 | | | ISO 179/1eU |
| 0°C | 210 | kJ/m ² | |
| 23°C | 无断裂 | | |
| 硬度 | 额定值 | 单位制 | 测试方法 |
| 球压硬度 (H 358/30) | 47.0 | MPa | ISO 2039-1 |
| 热性能 | 额定值 | 单位制 | 测试方法 |
| 热变形温度 (0.45 MPa, 未退火) | 67.0 | °C | ISO 75-2/B |
| 维卡软化温度 | | | |
| -- | 134 | °C | ISO 306/A50 |
| -- | 68.0 | °C | ISO 306/B50 |

| 光学性能 | 额定值 单位制 | 测试方法 |
|-----------|---------|-----------|
| 光泽度 (60°) | 95 | ISO 67530 |

备注

¹ 通过这些链接您能够访问供应商资料。我们尽量保证及时更新资料；不过您可以从供应商处了解最新资料。

² 一般属性：这些不能被视为规格。

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LyondellBasell Industries

购买地点

供应商

LyondellBasell Industries

Wilmington, DE USA

电话: 713-309-7200

Web: <http://polymers.lyondellbasell.com/portal/site/basell/>

分销商

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Web: <http://www.nexeosolutions.com/>

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