

Technical Data

产品说明

Purell RP378T is a polypropylene random copolymer with nucleation and anti-electrostatic agent. It exhibits a very good flowability and a good transparency.

Purell RP378T is used for injection moulding medical and pharmaceutical applications only after approval by LyondellBasell.

Purell RP378T 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 | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 非洲和中东 • 欧洲 • 亚太地区 |
| 添加剂 | <ul style="list-style-type: none"> • 成核剂 • 抗静电性 |
| 性能特点 | <ul style="list-style-type: none"> • 抗静电性 • 流动性高 • 可用环氧乙烷消毒 • 清晰度，高 • 无规共聚物 • 有核 |
| 用途 | • 医疗/护理领域的应用 |
| 外观 | • 清晰/透明 |
| 加工方法 | • 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 (230°C/2.16 kg) | 48 | g/10 min | ISO 1133 |
| 溶化体积流率 (MVR) (230°C/2.16 kg) | 65.0 | cm ³ /10min | ISO 1133 |
| 机械性能 | 额定值 | 单位制 | 测试方法 |
| 拉伸模量 | 1150 | MPa | ISO 527-2 |
| 拉伸应力 (屈服) | 29.0 | MPa | ISO 527-2 |
| 拉伸应变 | | | ISO 527-2 |
| 屈服 | 11 | % | |
| 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 |
| 0°C | 2.5 | kJ/m ² | |
| 23°C | 4.5 | kJ/m ² | |
| 简支梁缺口冲击强度 | | | ISO 179 |
| 0°C | 60 | kJ/m ² | |
| 23°C | 180 | kJ/m ² | |
| 硬度 | 额定值 | 单位制 | 测试方法 |
| 球压硬度 (H 358/30) | 58.0 | 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) | 70.0 | °C | ASTM D648 ISO 75-2/B |
| 维卡软化温度 | | | |
| -- | 130 | °C | ISO 306/A50 |
| -- | 72.0 | °C | ISO 306/B50 |
| 光学性能 | 额定值 | 单位制 | 测试方法 |
| 雾度 (1000 μm, 注塑) | 7.0 | % | ASTM D1003 |

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。

Purell RP378T

聚丙烯无规共聚物

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

ALBIS Plastic

ALBIS PLASTIC is a pan-European distribution and compounding company. Contact ALBIS PLASTIC for availability of individual products per country.

电话: +49-40-78105-0

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

可用性: Europe

Ultrapolymers

Ultrapolymers is a Pan European distribution company. Contact Ultrapolymers for availability of individual products by country.

电话: +32-11-57-95-57

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

可用性: Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Denmark, Estonia, Finland, France, Germany, Hungary, Ireland, Italy, Latvia, Lithuania, Macedonia, Netherlands, Norway, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Turkey, United Kingdom



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– Birgit Elvardt Bader, Production Manager, Micoctron

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– Kevin Chase, Owner & President, Chase Plastics



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