

Technical Data

产品说明

Developmental Grade Purell RP270M is a random copolymer with high transparency. It can be processed by extrusion process. Typical applications include blow moulding of IV solution bottles with Good clarity and thermal sterilisation stability. This grade has passed the USP Class VI tests. Without exception, all potential activities for applications in the pharmaceutical, medical device, laboratory and diagnostics area have to be discussed with the relevant Basell Technical and Business contacts first.

总体

材料状态	• 已商用：当前有效
资料 <sup>1</sup>	<ul style="list-style-type: none"> <li>• <a href="#">Technical Datasheet (English)</a></li> <li>• <a href="#">Processing - Extrusion (English)</a></li> <li>• <a href="#">Processing - Mold Shrink (English)</a></li> <li>• <a href="#">Processing - Injection Molding (English)</a></li> </ul>
搜索 UL 黄卡	• <a href="#">LyondellBasell Industries</a>
供货地区	<ul style="list-style-type: none"> <li>• 非洲和中东</li> <li>• 亚太地区</li> </ul>
性能特点	<ul style="list-style-type: none"> <li>• 均聚物</li> <li>• 无规共聚物</li> </ul>
用途	<ul style="list-style-type: none"> <li>• 瓶子</li> <li>• 药物</li> <li>• 医疗/护理领域的应用</li> <li>• 医疗器械</li> </ul>
机构评级	• USP 第VI类
形式	• 颗粒料
加工方法	<ul style="list-style-type: none"> <li>• 拉伸吹塑成型</li> <li>• 注吹成型</li> </ul>

物理性能	额定值	单位制	测试方法
密度	0.900	g/cm <sup>3</sup>	ISO 1183
熔流率 (230°C/2.16 kg)	9.0	g/10 min	ISO 1133
机械性能	额定值	单位制	测试方法
拉伸模量	1100	MPa	ISO 527-2
拉伸应力 (屈服)	28.0	MPa	ISO 527-2
拉伸应变 (屈服)	12	%	ISO 527-2
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	2.0	kJ/m <sup>2</sup>	
23°C	5.5	kJ/m <sup>2</sup>	
简支梁缺口冲击强度 (23°C)	无断裂		ISO 179
热性能	额定值	单位制	测试方法
维卡软化温度	133	°C	ISO 306

备注

<sup>1</sup> 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。

<sup>2</sup> 一般属性：这些不能被视为规格。

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## 购买地点

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### 供应商

**LyondellBasell Industries**  
Wilmington, DE USA  
电话: 713-309-7200  
Web: <http://polymers.lyondellbasell.com/portal/site/basell/>

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### 分销商

请联系供应商以便为 Purell RP270M 查找分销商



Founded in 1986 and based in Laramie, Wyoming, IDES is now part of the UL family of companies. UL is a premier global independent safety science company with more than a century of proven history. Employing nearly 10,000 professionals in over 100 countries, UL has five distinct business units -- Product Safety, Environment, Life & Health, Knowledge Services and Verification Services -- to meet the expanding needs of our customers and to deliver on our public safety mission.



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– Birgit Elvardt Bader, Production Manager, Micoctron

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