

## Technical Data

## 产品说明

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. To discuss a medical/pharmaceutical application please contact your local Distributor or your local Basell contact. Purell HM671T is a high fluidity metallocene-catalysed polypropylene. It is nucleated and has a gamma - ray stabilizing additivition. Purell HM671T is a medical grade designed for injection moulding applications in medical after approval is given by Basell. Purell HM671T exhibits a very high stiffness combined with an excellent transparency and out-standing organoleptic properties. Its very narrow molecular weight distribution makes it particularly suitable for distortion-free mouldings. Purell HM671T is applied in high transparency and rigid pharmaceutical and diagnostic applications such as well and microtitre plates, measuring cups and labware.

## 总体

材料状态	<ul style="list-style-type: none"> <li>已商用：当前有效</li> </ul>
资料 <sup>1</sup>	<ul style="list-style-type: none"> <li>Technical Datasheet - ISO (English)</li> <li>Processing - Extrusion (English)</li> <li>Processing - Mold Shrink (English)</li> <li>Processing - Injection Molding (English)</li> </ul>
搜索 UL 黄卡	<ul style="list-style-type: none"> <li>LyondellBasell Industries</li> </ul>
供货地区	<ul style="list-style-type: none"> <li>欧洲</li> </ul>
添加剂	<ul style="list-style-type: none"> <li>成核剂</li> </ul>
性能特点	<ul style="list-style-type: none"> <li>电子束灭菌</li> <li>刚性，高</li> <li>均聚物</li> <li>可辐射消毒</li> <li>可用环氧乙烷消毒</li> <li>良好的感官特征</li> <li>流动性高</li> <li>耐高压加热性</li> <li>清晰度，高</li> <li>有核</li> <li>窄分子量分布</li> </ul>
用途	<ul style="list-style-type: none"> <li>实验室器具</li> <li>医疗/护理领域的应用</li> </ul>
形式	<ul style="list-style-type: none"> <li>颗粒料</li> </ul>
加工方法	<ul style="list-style-type: none"> <li>注射成型</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)	60	g/10 min	ISO 1133
溶化体积流率 (MVR) (230°C/2.16 kg)	80.0	cm <sup>3</sup> /10min	ISO 1133
机械性能	额定值	单位制	测试方法
拉伸模量 (23°C)	1700	MPa	ISO 527-2
拉伸应力 (屈服, 23°C)	33.0	MPa	ISO 527-2
拉伸应变			ISO 527-2
屈服, 23°C	9.0	%	
断裂, 23°C	> 50	%	
弯曲模量 (23°C)	1550	MPa	ISO 178
冲击性能	额定值	单位制	测试方法
悬壁梁缺口冲击强度			ISO 180
-20°C	1.0	kJ/m <sup>2</sup>	
0°C	2.0	kJ/m <sup>2</sup>	
23°C	3.0	kJ/m <sup>2</sup>	
硬度	额定值	单位制	测试方法
球压硬度 (H 358/30)	73.0	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)	94.0	°C	ASTM D648 ISO 75-2/B
维卡软化温度			
--	135	°C	ISO 306/A50
--	87.0	°C	ISO 306/B50
光学性能	额定值	单位制	测试方法
雾度 (1000 μm)	10	%	ASTM D1003

**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。

## Purell HM671T

聚丙烯均聚物

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



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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– Kevin Chase, Owner & President, Chase Plastics



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