

Technical Data

产品说明

Purell SM170G is a soft polyolefinic resin combining the typical advantages of polypropylene random and heterophasic copolymers. This resin is used at customers for transparent packaging of pharmaceuticals produced in BFS technology or EBM conversion.

Purell SM170G exhibits an excellent balance of toughness and transparency at a very good softness combined with low amount of extractables. It features also good heat distortion resistance.

Purell SM170G is suitable for food contact. Purell SM170G is a soft polyolefinic resin combining the typical advantages of polypropylene random and heterophasic copolymers. This resin is used at customers for transparent packaging of pharmaceuticals produced in BFS technology or EBM conversion.

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

总体

材料状态	<ul style="list-style-type: none"> 已商用：当前有效 		
资料 ¹	<ul style="list-style-type: none"> Technical Datasheet (English) Processing - Mold Shrink (English) Processing - Extrusion (English) Processing - Injection Molding (English) 		
搜索 UL 黄卡	<ul style="list-style-type: none"> LyondellBasell Industries 		
供货地区	<ul style="list-style-type: none"> 北美洲 非洲和中东 	<ul style="list-style-type: none"> 拉丁美洲 欧洲 	<ul style="list-style-type: none"> 亚太地区
性能特点	<ul style="list-style-type: none"> 低萃取物 良好的柔韧性 耐高压加热性 	<ul style="list-style-type: none"> 耐热性，中等 清晰度，高 韧性良好 	<ul style="list-style-type: none"> 柔软 食品接触的合规性 无规共聚物
用途	<ul style="list-style-type: none"> 包装 薄膜 	<ul style="list-style-type: none"> 瓶子 小瓶 	<ul style="list-style-type: none"> 药品包装 医疗/护理领域的应用
加工方法	<ul style="list-style-type: none"> 挤出吹塑成型 		

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)	1.5	g/10 min	ISO 1133
机械性能	额定值	单位制	测试方法
拉伸模量	650	MPa	ISO 527-2
拉伸应力 (屈服)	21.0	MPa	ISO 527-2
拉伸应变			ISO 527-2
屈服, 23°C	15	%	
断裂, 23°C	> 400	%	
冲击性能	额定值	单位制	测试方法
悬臂梁缺口冲击强度			ISO 180
-20°C	4.0	kJ/m ²	
0°C	11	kJ/m ²	
23°C	51	kJ/m ²	
热性能	额定值	单位制	测试方法
热变形温度			
0.45 MPa, 未退火	63.0	°C	ISO 75-2/B
1.8 MPa, 未退火	40.0	°C	ISO 75-2/A
维卡软化温度	125	°C	ISO 306/A50

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 SM170G

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

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