

# Purell RP271M

聚丙烯无规共聚物

LyondellBasell Industries

## Technical Data

### Product Description

Medium Melt Flow Polypropylene Random Copolymer Resin with Good Clarity Dedicated for Medical Application made by Injection Molding and Injection Stretch Blow Molding Process (ISBM).

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.

### General

|                   |           |         |
|-------------------|-----------|---------|
| Features          | • 清晰度，高   | • 无规共聚物 |
| Uses              | • 医疗/护理用品 |         |
| Forms             | • 粒子      |         |
| Processing Method | • 拉伸吹塑成型  | • 注吹成型  |

### Physical

|                                           | 额定值 单位制      | 测试方法       |
|-------------------------------------------|--------------|------------|
| Density / Specific Gravity                | 0.898 g/cm³  | ASTM D792  |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 8.0 g/10 min | ASTM D1238 |

### Mechanical

|                         | 额定值 单位制  | 测试方法      |
|-------------------------|----------|-----------|
| Tensile Strength (屈服)   | 27.0 MPa | ASTM D638 |
| Tensile Elongation (屈服) | 12 %     | ASTM D638 |
| Flexural Modulus        | 1030 MPa | ASTM D790 |

### Impact

|                     | 额定值 单位制 | 测试方法      |
|---------------------|---------|-----------|
| Notched Izod Impact | 50 J/m  | ASTM D256 |

### Thermal

|                                                    | 额定值 单位制 | 测试方法      |
|----------------------------------------------------|---------|-----------|
| Deflection Temperature Under Load<br>0.45 MPa, 未退火 | 90.0 °C | ASTM D648 |

### 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。