

# Purell RP271M

Polypropylene Random Copolymer

LyondellBasell Industries

## Message:

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 Information			
Features	High Clarity Random Copolymer		
Uses	Medical/Healthcare Applications		
Forms	Pellets		
Processing Method	Injection Blow Molding Stretch Blow Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.898	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	27.0	MPa	ASTM D638
Tensile Elongation (Yield)	12	%	ASTM D638
Flexural Modulus	1030	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	50	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	90.0	°C	ASTM D648

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