

Purell RP320M
PP RANDOM

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	8.5	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Yield stress	25	MPa	ISO 527
Yield strain	13	%	ISO 527
Stress at break	28	MPa	ISO 527
Strain at break	>50	%	ISO 527
Charpy notched impact strength (+23°C)	7	kJ/m ²	ISO 179/1eA
Flexural modulus (23°C)	850	MPa	ISO 178

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (0.45 MPa)	68	°C	ISO 75-1/-2

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	900	kg/m ³	ISO 1183

Characteristics
Processing

Injection Molding, Film Extrusion

Special Characteristics

Transparent, Sterilizable, Ethylene Oxide (EtO) Sterilization, Steam sterilization

Features

Soft Feel, Weldable, Copolymer, Random Copolymer

Certifications

Medical, Food approval

Applications

Medical, Packaging

Disclaimer

These guide values are measured and provided by the product manufacturer and have been determined on standardised test specimens and can be affected by pigmentation, mould design and processing conditions. M-Base has taken the guide values from the producer's original Technical Data Sheet. **ALBIS AND M-BASE ARE THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THE GUIDE VALUES AND CANNOT GIVE ANY WARRANTY WITH REGARD TO THEIR CORRECTNESS.**

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