

Purell RP375R PP RANDOM

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	25	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-
Mechanical Properties			
ISO Data			
Tensile Modulus	1100	MPa	ISO 527
Yield stress	27	MPa	ISO 527
Yield strain	15	%	ISO 527
Strain at Break	>50	%	ISO 527
Notched Impact Strength (Charpy), +23°C	6	kJ/m ²	ISO 179/1eA
Ball Indentation Hardness	45	MPa	ISO 2039-1
Thermal Properties			
ISO Data			
Temp. of deflection under load (0.45 MPa)	78	°C	ISO 75-1/-2
Vicat softening temperature A	134	°C	ISO 306
Other Properties			
ISO Data			
Density	900	kg/m ³	ISO 1183
Optical Properties			
ASTM Data			
Haze	9	%	ASTM D 1003

Characteristics

Processing

Injection Molding

Special Characteristics

Transparent, Sterilizable, Ethylene Oxide (EtO) Sterilization, Steam sterilization, Gamma irradiation sterilization, Electron beam (e-beam) sterilization

Features

Copolymer, Random Copolymer

Chemical Resistance

Radiation Resistance

Certifications

Medical

Applications

Medical

Disclaimer

Liability Exclusion

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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