

Purell HP371P

PP HOMO

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	24	cm ³ /10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Melt Flow Index, MFI	18	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1250	MPa	ISO 527
Yield stress	31	MPa	ISO 527
Yield strain	15	%	ISO 527
Strain at Break	50	%	ISO 527
Impact Strength (Charpy), +23°C	170	kJ/m ²	ISO 179/1eU
Notched Impact Strength (Charpy), +23°C	4	kJ/m ²	ISO 179/1eA

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

Characteristics

Special Characteristics

Sterilizable, Gamma irradiation sterilization

Features

Homopolymer

Chemical Resistance

Radiation Resistance

Certifications

Medical, Biocompatibility ISO 10993, US Pharmacopeia Class VI
Approved, Drug Master File

Applications

Medical, Packaging

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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