

Purell RP374R

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	25	g/10min	ISO 1133

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	950	MPa	ISO 527
Yield stress	26	MPa	ISO 527
Yield strain	16	%	ISO 527
Strain at break	>50	%	ISO 527
Izod notched impact strength, +23°C	6.5	kJ/m ²	ISO 180/1A
Izod notched impact strength	4.3	kJ/m ²	ISO 180/1A
Temperature	0	°C	-
Shore D hardness	64	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	78	°C	ISO 75-1/-2
Vicat softening temperature, A	129	°C	ISO 306
Vicat softening temperature, B	72	°C	ISO 306
ASTM Data			
DTUL @ 66 psi	78	°C	ASTM D 648

Optical properties	Value	Unit	Test Standard
ASTM Data			
Haze	9	%	ASTM D 1003

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

Characteristics**Processing**

Injection Molding

Delivery form

Pellets, White

Special Characteristics

Transparent, Sterilizable, Ethylene Oxide (EtO) Sterilization

Features

Low Odor, Copolymer, Random Copolymer

Certifications

Food contact, Food approval 1935/2004/EC, Food approval FDA 21 CFR, Medical Grade, Biocompatibility ISO 10993, US Pharmacopeia Class VI Approved, Drug Master File

Applications

Medical

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa