

**Purell RP373R**

PP

LyondellBasell Industries

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

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	950	MPa	ISO 527
Yield stress	27	MPa	ISO 527
Yield strain	14	%	ISO 527
Strain at break	>50	%	ISO 527
Charpy impact strength, +23°C	N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	5.3	kJ/m <sup>2</sup>	ISO 179/1eA
Shore D hardness	64	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	76	°C	ISO 75-1/-2
Vicat softening temperature, A	130	°C	ISO 306
Vicat softening temperature, B	72	°C	ISO 306

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

**Characteristics****Delivery form**

Pellets

**Special Characteristics**

Transparent, Sterilizable, Steam sterilization

**Features**

Copolymer, Random Copolymer

**Certifications**

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

**Applications**

Medical, Packaging