

**Purell HP572M**

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	7.5	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	1450	MPa	ISO 527
Yield stress	33	MPa	ISO 527
Yield strain	11	%	ISO 527
Strain at break	>50	%	ISO 527
Charpy notched impact strength, +23°C	4.5	kJ/m <sup>2</sup>	ISO 179/1eA
Ball indentation hardness	64	MPa	ISO 2039-1

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	85	°C	ISO 75-1/-2
Vicat softening temperature, A	154	°C	ISO 306

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

**Characteristics****Processing**

Injection Molding, Blown Film Extrusion, Film Extrusion

**Special Characteristics**

Sterilizable, Ethylene Oxide (EtO) Sterilization, Steam sterilization

**Features**

Homopolymer

**Applications**

Medical, Packaging

**Regional Availability**

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