

Purell HP570P

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	16	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1400	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	3	kJ/m ²	ISO 179/1eA
Ball indentation hardness	74	MPa	ISO 2039-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
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 ³	ISO 1183

Characteristics**Processing**

Injection Molding

Special Characteristics

Sterilizable, Ethylene Oxide (EtO) Sterilization, Steam sterilization

Features

Low Warpage, Homopolymer

Applications

Medical

Regional Availability

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