

Purell HP570R

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	23	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	64	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

Chemical Resistance

Oxidation Resistance

Applications

Medical

Regional Availability

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