

Purell SP170G

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	1.5	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	600	MPa	ISO 527
Yield stress	22	MPa	ISO 527
Yield strain	15	%	ISO 527
Strain at break	>50	%	ISO 527
Charpy notched impact strength, +23°C	21	kJ/m ²	ISO 179/1eA
Ball indentation hardness	32	MPa	ISO 2039-1
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	62	°C	ISO 75-1/-2
Vicat softening temperature, A	126	°C	ISO 306
Optical properties			
ASTM Data			
Gloss	110	-	ASTM D 2457
Haze	22	%	ASTM D 1003
Other properties			
Density	900	kg/m ³	ISO 1183

Characteristics**Processing**

Blown Film Extrusion, Film Extrusion, Blow Molding

Special Characteristics

Transparent, Sterilizable, Ethylene Oxide (EtO) Sterilization, Steam sterilization

Features

Copolymer

Applications

Medical

Regional Availability

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