

Purell SM170G

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	650	MPa	ISO 527
Yield stress	21	MPa	ISO 527
Yield strain	15	%	ISO 527
Strain at break	>50	%	ISO 527
Izod notched impact strength, +23°C	51	kJ/m ²	ISO 180/1A
Izod notched impact strength	4	kJ/m ²	ISO 180/1A
Temperature	-20	°C	-
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	40	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	63	°C	ISO 75-1/-2
Vicat softening temperature, A	125	°C	ISO 306
Other properties			
Density	900	kg/m ³	ISO 1183

Characteristics**Processing**

Other Extrusion, Blow Molding

Delivery form

Pellets, White

Special Characteristics

Heat stabilized or stable to heat, Transparent

Features

Heat Sealable, Low Odor, Soft Feel, Copolymer, Random Copolymer

Certifications

Food contact, Food approval 1935/2004/EC, Food approval FDA 21 CFR, Medical Grade, US Pharmacopeia Class VI Approved

Applications

Medical, Packaging

Regional Availability

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