

Purell HP671T

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	55	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	1900	MPa	ISO 527
Yield stress	39	MPa	ISO 527
Yield strain	7.5	%	ISO 527
Strain at break	28	%	ISO 527
Charpy notched impact strength, +23°C	2.6	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	105	°C	ISO 75-1/-2
ASTM Data			
DTUL @ 66 psi	105	°C	ASTM D 648
Optical properties			
ASTM Data			
Gloss	125	-	ASTM D 2457
Haze	13	%	ASTM D 1003
Other properties			
Density	900	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Special Characteristics

Transparent, Sterilizable, Ethylene Oxide (EtO) Sterilization, Steam sterilization, Gamma irradiation sterilization, Electron beam (e-beam) sterilization

Features

Nucleated, Homopolymer

Chemical Resistance

Oxidation Resistance, Radiation Resistance

Certifications

Medical Grade, Biocompatibility ISO 10993, US Pharmacopeia Class VI Approved

Applications

Medical

Regional Availability

Europe