

Purell HP671T

PP HOMO

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	55	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
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
Notched Impact Strength (Charpy), +23°C	2.6	kJ/m ²	ISO 179/1eA

Thermal Properties	Value	Unit	Test Standard
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

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	900	kg/m ³	ISO 1183

Optical Properties	Value	Unit	Test Standard
ASTM Data			
Gloss	125	-	ASTM D 2457
Haze	13	%	ASTM D 1003

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, Biocompatibility ISO 10993, US Pharmacopeia Class VI Approved

Applications

Medical