

Purell EA678P

PP COPO

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	18	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1750	MPa	ISO 527
Yield stress	32	MPa	ISO 527
Yield strain	5	%	ISO 527
Strain at Break	50	%	ISO 527
Notched Impact Strength (Charpy), +23°C	6.5	kJ/m ²	ISO 179/1eA

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (0.45 MPa)	100	°C	ISO 75-1/-2
Vicat softening temperature A	153	°C	ISO 306

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

Optical Properties	Value	Unit	Test Standard
ASTM Data			
Gloss	70	-	ASTM D 2457

Characteristics

Processing

Injection Molding

Special Characteristics

Anti-static, Sterilizable, Ethylene Oxide (EtO) Sterilization, Steam sterilization

Features

High Crystallinity, Nucleated, Copolymer, Impact Copolymer

Chemical Resistance

General Chemical Resistance

Applications

Medical