

Purell RP378T

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	65	cm ³ /10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Melt flow index, MFI	48	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	1150	MPa	ISO 527
Yield stress	29	MPa	ISO 527
Yield strain	11	%	ISO 527
Strain at break	50	%	ISO 527
Charpy impact strength, +23°C	180	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	4.5	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	70	°C	ISO 75-1/-2
Vicat softening temperature, B	72	°C	ISO 306
Other properties			
Density	900	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Special Characteristics

Anti-static

Features

Nucleated, Copolymer, Random Copolymer

Certifications

Medical Grade, Biocompatibility ISO 10993, US Pharmacopeia Class VI Approved, Drug Master File

Applications

Medical

Regional Availability

Europe, Asia Pacific, Near East/Africa