

Purell RP378T PP RANDOM

LyondellBasell Industries

Rheological properties	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
MFI temperature	230	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
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
Impact Strength (Charpy), +23°C	180	kJ/m ²	ISO 179/1eU
Notched Impact Strength (Charpy), +23°C	4.5	kJ/m ²	ISO 179/1eA

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (0.45 MPa)	70	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	72	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
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, Biocompatibility ISO 10993, US Pharmacopeia Class VI Approved, Drug Master File

Applications

Medical

Disclaimer

Liability Exclusion

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