

Purell RP315M

PP RANDOM

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	8	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1100	MPa	ISO 527
Yield stress	28	MPa	ISO 527
Yield strain	11	%	ISO 527
Strain at Break	>50	%	ISO 527
Notched Impact Strength (Charpy), +23°C	3.4	kJ/m ²	ISO 179/1eA
Shore Hardness D (15s)	67	-	ISO 868

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (0.45 MPa)	72	°C	ISO 75-1/-2
Vicat softening temperature A	135	°C	ISO 306

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

Characteristics

Processing

Injection Molding, Film Extrusion

Additives

Antiblocking agent

Features

Copolymer, Random Copolymer

Certifications

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

Applications

Medical