

Purell RP373R

PP RANDOM

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	25	g/10min	ISO 1133

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	950	MPa	ISO 527
Yield stress	27	MPa	ISO 527
Yield strain	14	%	ISO 527
Strain at Break	>50	%	ISO 527
Impact Strength (Charpy), +23°C	no break	kJ/m ²	ISO 179/1eU
Notched Impact Strength (Charpy), +23°C	5.3	kJ/m ²	ISO 179/1eA
Shore Hardness D (15s)	64	-	ISO 868

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (0.45 MPa)	76	°C	ISO 75-1/-2
Vicat softening temperature A	130	°C	ISO 306
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

Delivery form

Pellets

Special Characteristics

Transparent, Sterilizable, Steam sterilization

Features

Copolymer, Random Copolymer

Certifications

Medical, Biocompatibility ISO 10993, US Pharmacopeia Class VI Approved, Drug Master File, Food approval, Food Contact (FDA)

Applications

Medical, Packaging