

Purell PE 3020K (PE-LD)

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	4	g/10min	ISO 1133
MFI temperature	190	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	300	MPa	ISO 527
Yield stress	13	MPa	ISO 527

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Melting Temperature (10°C/min)	114	°C	ISO 11357-1/-3
Vicat softening temperature A	97	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	928	kg/m³	ISO 1183

Film Properties	Value	Unit	Test Standard
ISO Data			
Maximum strain, parallel	350	%	ISO 527-3
Maximum strain, normal	600	%	ISO 527-3

Optical Properties	Value	Unit	Test Standard
ASTM Data			
Gloss	115	-	ASTM D 2457
Haze	7	%	ASTM D 1003

Characteristics

Processing

Injection Molding, Film Extrusion, Blown Film Extrusion

Delivery form

Pellets

Features

Heat Sealable

Chemical Resistance

General Chemical Resistance

Certifications

Medical, Biocompatibility ISO 10993, US Pharmacopeia Class VI Approved

Applications

Medical, Packaging