

Purell PE3420F (PE-LD)

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index	0.9	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-
Density, 73°F	933	kg/m³	ASTM D 792
Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	0.9	g/10min	ISO 1133
MFI temperature	190	°C	-
MFI load	2.16	kg	-
Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	520	MPa	ISO 527
Thermal Properties	Value	Unit	Test Standard
ISO Data			
Melting Temperature (10°C/min)	119	°C	ISO 11357-1/-3
Vicat softening temperature A	111	°C	ISO 306
Other Properties	Value	Unit	Test Standard
ISO Data			
Density	933	kg/m³	ISO 1183
Bulk density	500	kg/m³	-

Characteristics

Processing

Injection Molding, Blow Molding, Blown Film Extrusion

Delivery form

Pellets

Special Characteristics

Heat aging stabilized, Sterilizable, Ethylene Oxide (EtO)
Sterilization

Features

Heat Sealable, Low Odor

Chemical Resistance

General Chemical Resistance

Certifications

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

Applications

Medical, Packaging