

Purell PE 1840 H (PE-LD)

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	1.5	g/10min	ISO 1133
MFI temperature	190	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	200	MPa	ISO 527
Yield stress	9	MPa	ISO 527
Yield strain	15	%	ISO 527
Strain at Break	>50	%	ISO 527

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Melting Temperature (10°C/min)	108	°C	ISO 11357-1/-3

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	919	kg/m³	ISO 1183

Characteristics

Processing

Injection Molding, Blow Molding, Blown Film Extrusion

Delivery form

Pellets

Certifications

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

Applications

Medical, Packaging