

Purell 2007H (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
Shore Hardness D (15s)	45	-	ISO 868
Ball Indentation Hardness	15	MPa	ISO 2039-1

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Melting Temperature (10°C/min)	108	°C	ISO 11357-1/-3
Vicat softening temperature A	88	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	920	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Additives

Antiblocking agent

Special Characteristics

Sterilizable, Ethylene Oxide (EtO) Sterilization

Certifications

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

Applications

Medical