

Purell ACP 5531 B (PE-HD)

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	9.5	g/10min	ISO 1133
MFI temperature	190	°C	-
MFI load	21.6	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1250	MPa	ISO 527
Yield stress	27	MPa	ISO 527
Yield strain	10	%	ISO 527
Tensile Notched Impact Strength, +23 °C	90	kJ/m ²	ISO 8256/1
Shore Hardness D (15s)	62	-	ISO 868
Ball Indentation Hardness	51	MPa	ISO 2039-1

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, 50 °C/h 50N	80	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	954	kg/m ³	ISO 1183
Bulk density	500	kg/m ³	-

Characteristics

Processing

Blow Molding

Delivery form

Pellets

Special Characteristics

Impact modified

Chemical Resistance

Environmental Stress Crack Resistance, Oxidation Resistance

Certifications

Medical, US Pharmacopeia Class VI Approved, Drug Master File

Applications

Medical, Packaging