

Purell ACP 6541A (PE-HD)

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	1.45	g/10min	ISO 1133
MFI temperature	190	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1100	MPa	ISO 527
Yield stress	22	MPa	ISO 527
Yield strain	10	%	ISO 527
Notched Impact Strength (Charpy), +23°C	11	kJ/m²	ISO 179/1eA
Notched Impact Strength (Charpy), -30°C	4.5	kJ/m²	ISO 179/1eA
Shore Hardness D (15s)	55	-	ISO 868
Ball Indentation Hardness	54	MPa	ISO 2039-1

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, 50°C/h 50N	70	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	954	kg/m³	ISO 1183

Characteristics

Processing

Injection Molding, Compression Molding

Chemical Resistance

Environmental Stress Crack Resistance

Certifications

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

Applications

Medical