

Purell ACP 6031 D (PE-HD)

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	1	g/10min	ISO 1133
MFI temperature	190	°C	-
MFI load	5	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1350	MPa	ISO 527
Yield stress	30	MPa	ISO 527
Yield strain	8	%	ISO 527
Tensile Notched Impact Strength, +23 °C	70	kJ/m ²	ISO 8256/1

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	960	kg/m ³	ISO 1183
Bulk density	500	kg/m ³	-

Characteristics

Processing

Injection Molding, Blow Molding

Delivery form

Pellets

Special Characteristics

Sterilizable, Ethylene Oxide (EtO) Sterilization

Chemical Resistance

Environmental Stress Crack Resistance, Oxidation Resistance

Certifications

Medical, Biocompatibility ISO 10993, US Pharmacopeia Class VI Approved, Drug Master File, Food approval, Food approval 1935/2004/EC, Food Contact (FDA)

Applications

Medical