

Hostalen ACP 5531 B (PE-HD)

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	0.45	g/10min	ISO 1133
MFI temperature	190	°C	-
MFI load	5	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
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

Characteristics

Processing

Other Extrusion, Blow Molding

Delivery form

Pellets

Special Characteristics

Impact modified

Chemical Resistance

Environmental Stress Crack Resistance, Oxidation Resistance

Applications

Packaging