

Hostalen ACP 5331 A (PE-HD)

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	6.5	g/10min	ISO 1133
MFI temperature	190	°C	-
MFI load	21.6	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1050	MPa	ISO 527
Yield stress	26	MPa	ISO 527
Yield strain	10	%	ISO 527
Ball Indentation Hardness	47	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	952	kg/m³	ISO 1183

Characteristics

Processing

Other Extrusion, Blow Molding

Delivery form

Pellets

Special Characteristics

Impact modified

Chemical Resistance

Environmental Stress Crack Resistance, Oxidation Resistance

Certifications

Food approval, Food approval 1935/2004/EC, Food approval 10/2011, Food Contact (FDA)

Applications

Packaging