

Hostalen 4131 B (PE-HD)

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	14	g/10min	ISO 1133
MFI temperature	190	°C	-
MFI load	21.6	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Yield stress	23	MPa	ISO 527
Yield strain	8	%	ISO 527

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature A	120	°C	ISO 306
Vicat softening temperature, 50°C/h 50N	70	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	941	kg/m ³	ISO 1183

Characteristics

Processing

Sheet Extrusion, Other Extrusion, Pipe/Tube Extrusion

Chemical Resistance

Environmental Stress Crack Resistance

Special Characteristics

Heat aging stabilized

Certifications

Food approval, Food approval 1935/2004/EC, Food approval 10/2011, Water contact