

Hostalen GF 9055 F
(PE-HD)

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	1.8	g/10min	ISO 1133
MFI temperature	190	°C	-
MFI load	5	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1000	MPa	ISO 527
Yield stress	27	MPa	ISO 527
Yield strain	10	%	ISO 527
Tensile Notched Impact Strength, +23 °C	30	kJ/m ²	ISO 8256/1
Shore Hardness D (15s)	63	-	ISO 868

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

Film Properties	Value	Unit	Test Standard
ISO Data			
Maximum strain, parallel	430	%	ISO 527-3
Elmendorf Tear Resistance, parallel	0.8	N	ISO 6383-2
Elmendorf Tear Resistance, normal	0.2	N	ISO 6383-2
Type of extrusion	blown	-	-
Thickness of specimen	0.03	mm	-

Characteristics
Processing

Blown Film Extrusion

Delivery form

Pellets

Features

Barrier Properties, Low Gel

Chemical Resistance

Oxidation Resistance

Certifications

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

Applications

Packaging