

Hostalen GM 9310 C BLACK (PE-HD)

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	4.5	g/10min	ISO 1133
MFI temperature	190	°C	-
MFI load	21.6	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1250	MPa	ISO 527
Yield stress	26	MPa	ISO 527
Yield strain	7	%	ISO 527
Tensile Creep Modulus, 1h	780	MPa	ISO 899-1
Notched Impact Strength (Charpy), +23°C	5	kJ/m ²	ISO 179/1eA
Notched Impact Strength (Charpy), -30°C	3	kJ/m ²	ISO 179/1eA
Ball Indentation Hardness	55	MPa	ISO 2039-1

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, 50°C/h 50N	83	°C	ISO 306

Electrical Properties	Value	Unit	Test Standard
ISO Data			
Volume Resistivity	100000	Ohm*m	IEC 62631-3-1
Surface Resistivity	10000	Ohm	IEC 62631-3-2
ASTM Data			
Surface Resistivity	10000	Ohm	ASTM D 257
Volume Resistivity	100000	Ohm*cm	ASTM D 257

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1000	kg/m ³	ISO 1183

Characteristics

Processing

Sheet Extrusion, Other Extrusion, Pipe/Tube Extrusion

Special Characteristics

Electrically Conductive

Delivery form

Black

Disclaimer

Liability Exclusion

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