

Hostalen PP H4122 103220

PP COPO

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	0.3	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Yield stress	30	MPa	ISO 527
Yield strain	13	%	ISO 527
Tensile Creep Modulus, 1h	1060	MPa	ISO 899-1
Tensile Creep Modulus, 1000h	500	MPa	ISO 899-1
Notched Impact Strength (Charpy), +23°C	110	kJ/m ²	ISO 179/1eA
Notched Impact Strength (Charpy), -30°C	5.8	kJ/m ²	ISO 179/1eA
Ball Indentation Hardness	50	MPa	ISO 2039-1

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (0.45 MPa)	89	°C	ISO 75-1/-2
Vicat softening temperature A	159	°C	ISO 306
Vicat softening temperature, 50°C/h 50N	83	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	908	kg/m ³	ISO 1183

Characteristics

Processing Sheet Extrusion, Other Extrusion, Pipe/Tube Extrusion	Features Copolymer
Delivery form Black	Chemical Resistance Oxidation Resistance
Special Characteristics Heat aging stabilized	Certifications Food approval, Food approval 1935/2004/EC, Food approval 10/2011