

Hostalen PP H1022

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
Notched Impact Strength (Charpy), +23°C	50	kJ/m²	ISO 179/1eA
Notched Impact Strength (Charpy), -30°C	3	kJ/m²	ISO 179/1eA
Ball Indentation Hardness	55	MPa	ISO 2039-1

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Melting Temperature (10°C/min)	164	°C	ISO 11357-1/-3
Temp. of deflection under load (0.45 MPa)	93	°C	ISO 75-1/-2
Vicat softening temperature A	159	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	901	kg/m³	ISO 1183

Characteristics
Processing

Injection Molding, Other Extrusion, Blow Molding, Pipe/Tube Extrusion

Delivery form

Natural Color

Special Characteristics

Impact modified

Features

Copolymer, Impact Copolymer

Chemical Resistance

Oxidation Resistance

Certifications

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