

Hostalen PP H2450

PP HOMO

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	36	MPa	ISO 527
Yield strain	11	%	ISO 527
Notched Impact Strength (Charpy), +23°C	20	kJ/m ²	ISO 179/1eA

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Melting Temperature (10°C/min)	159	°C	ISO 11357-1/-3
Temp. of deflection under load (1.80 MPa)	54	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	98	°C	ISO 75-1/-2
Vicat softening temperature A	157	°C	ISO 306
Vicat softening temperature, 50°C/h 50N	95	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	900	kg/m ³	ISO 1183

Characteristics
Processing

Sheet Extrusion, Other Extrusion, Pipe/Tube Extrusion

Features

Homopolymer

Delivery form

Natural Color

Chemical Resistance

Oxidation Resistance

Special Characteristics

Heat aging stabilized

Certifications

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