

Hostalen PP H1850

PP HOMO

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	1.2	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	5	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Yield stress	33	MPa	ISO 527
Yield strain	14	%	ISO 527
Impact Strength (Charpy), +23°C	no break	kJ/m ²	ISO 179/1eU
Notched Impact Strength (Charpy), +23°C	11	kJ/m ²	ISO 179/1eA

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	55	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	90	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	85	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	902	kg/m ³	ISO 1183

Characteristics

Features

Homopolymer

Applications

Automotive