

## Technical Data Sheet

### *Hostalen* PP H2150



Polypropylene, Homopolymer

#### Product Description

*Hostalen* PP H2150 is a natural, nucleated polypropylene homopolymer. The product is typically used by customers in the applications pipes, extruded and compression molded sheets. The material *Hostalen* PP H2150 is not intended for medical and pharmaceutical applications. For further details about the suitable applications for this material please contact LyondellBasell.

This grade is not intended for medical and pharmaceutical applications.

This grade is supported for use in drinking water applications.

<b>Application</b>	General Sheet Extrusion; Industrial
<b>Market</b>	Industrial, Building & Construction; Pipe
<b>Processing Method</b>	Compression Molding; Pipe; Sheet
<b>Attribute</b>	Homopolymer; Nucleated

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate			
(230 °C/2.16 kg)	0.3	g/10 min	ISO 1133-1
(230 °C/5.0 kg)	1.3	g/10 min	ISO 1133-1
(190 °C/5.0 kg)	0.6	g/10 min	ISO 1133-1
Density	0.90	g/cm <sup>3</sup>	ISO 1183-1
<b>Mechanical</b>			
Tensile Modulus, (23 °C)	1500	MPa	ISO 527-1, -2
Tensile Stress at Yield	36	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	11	%	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C)	30	kJ/m <sup>2</sup>	ISO 179
(0 °C)	4.3	kJ/m <sup>2</sup>	ISO 179
<b>Thermal</b>			
Vicat Softening Temperature			
(A50)	158	°C	ISO 306
(B50)	95	°C	ISO 306
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	100	°C	ISO 75B-1, -2
DSC Melting Point	160	°C	ISO 3146