

Technical Data Sheet

Hostalen PP H2450

Polypropylene, Homopolymer

Product Description

Hostalen PP H2450 is a natural, not nucleated polypropylene homopolymer. The product is typically used by customers in the applications pipes, extruded and compression molded sheets. The material *Hostalen* PP H2450 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.

Application	General Sheet Extrusion; Industrial
Market	Industrial, Building & Construction; Pipe
Processing Method	Compression Molding; Pipe; Sheet
Attribute	Homopolymer

Typical Properties	Nominal Value	Units	Test Method
Physical			
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)	0.5	g/10 min	ISO 1133-1
Density	0.90	g/cm ³	ISO 1183-1
Mechanical			
Tensile Modulus, (23 °C)	1450	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
Impact			
Charpy Impact Strength - Notched			
(23 °C)	20	kJ/m ²	ISO 179
(0 °C)	5	kJ/m ²	ISO 179
Thermal			
Vicat Softening Temperature			
(A50)	157	°C	ISO 306
(B50)	95	°C	ISO 306
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	98	°C	ISO 75B-1, -2
DSC Melting Point	159	°C	ISO 3146