

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.

Regulatory Status

For regulatory compliance information, see *Hostalen* PP H2450 [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

This grade is not intended for medical and pharmaceutical applications.

This grade is supported for use in drinking water applications.

Status	Commercial: Active
Availability	Africa-Middle East; Asia-Pacific; Australia and New Zealand; Europe
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

Notes

These are typical property values not to be construed as specification limits.