

Hostalen PP H2150

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Hostalen PP H2150 is a natural, nucleated polypropylene homopolymer with high melt viscosity for extrusion. The product has a high heat- and extraction stability.

The material Hostalen PP H2150 has not been tested and therefore has not been certified for pressure applications. For further details about the suitable applications for this material please contact LyondellBasell.

Hostalen PP H2150 is not intended for medical and pharmaceutical applications.

General Information	
Additive	Antioxidant
	Nucleating Agent
Features	Antioxidant
	Extraction Resistant
	Good Thermal Stability
	High Heat Resistance
	High Viscosity
	Homopolymer
	Nucleated
Uses	Industrial Applications
Appearance	Natural Color
Processing Method	Extrusion
	Pipe Extrusion
	Sheet Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR)			ISO 1133
190°C/5.0 kg	0.50	g/10 min	
230°C/2.16 kg	0.30	g/10 min	
230°C/5.0 kg	1.5	g/10 min	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, 3 sec)	70		ISO 868
Ball Indentation Hardness (H 358/30)	67.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant (23°C)	1400	MPa	ISO 527-2/1
Tensile Stress (Yield, 23°C)	36.0	MPa	ISO 527-2/50
Tensile Strain (Yield, 23°C)	11	%	ISO 527-2/50

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
0°C	6.1	kJ/m ²	
23°C	69	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	90.0	°C	ISO 75-2/B
Vicat Softening Temperature			
--	150	°C	ISO 306/A50
--	90.0	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Processing (Melt) Temp	200 to 280	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	200 to 230	°C	

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Recommended distributors for this material

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