

# Hostalen PP H2464

Polypropylene Impact Copolymer

LyondellBasell Industries

## Message:

Hostalen PP H2464 is a natural polypropylene copolymer with an exceptional mechanical properties balance. The product has been specifically designed for extrusion of structured wall pipes for underground drainage and sewage applications but can also be used for other extrusion applications. The product provides high stiffness, excellent impact resistance at room temperature and in particular at sub-zero temperatures with high heat- and extraction stability. For regulatory information please refer to Hostalen PP H2464 Product Stewardship Bulletin ( PSB ). It is not intended for medical and pharmaceutical applications.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Block Copolymer		
	Extraction Resistant		
	Good Impact Resistance		
	High Heat Resistance		
	High Stiffness		
	Low Temperature Impact Resistance		
Uses	Piping		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Extrusion		
	Pipe Extrusion		
	Sheet Extrusion		

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ISO 1183
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	1.3	g/10 min	

Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, 3 sec)	70		ISO 868

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant (23°C)	1350	MPa	ISO 527-2/1
Tensile Stress (Yield, 23°C)	29.0	MPa	ISO 527-2/50
Tensile Strain (Yield, 23°C)	10	%	ISO 527-2/50

Impact	Nominal Value	Unit	Test Method
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Charpy Notched Impact Strength			ISO 179
-30°C	7.0	kJ/m <sup>2</sup>	
0°C	13	kJ/m <sup>2</sup>	
23°C	55	kJ/m <sup>2</sup>	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	155	°C	ISO 306/A50
Oxidation Induction Time (200°C)	30	min	ISO 11357-6
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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