

Hostalen PP H2150-RC

Polypropylene Homopolymer
LyondellBasell Industries

Message:

Hostalen PP H2150-RC is a natural, nucleated polypropylene homopolymer for extrusion with high melt viscosity and a superior resistance to slow crack propagation. The product has a high heat stability. For regulatory information please refer to the Hostalen PP H2150-RC Product Stewardship Bulletin (PSB).

General Information			
Additive	Antioxidant		
	Nucleating Agent		
Features	Antioxidant		
	Good Crack Resistance		
	High Heat Resistance		
	High Viscosity		
	Homopolymer		
	Nucleated		
Uses	Industrial Applications		
	Piping		
	Profiles		
	Sheet		
Appearance	Natural Color		
Processing Method	Extrusion		
	Pipe Extrusion		
	Profile Extrusion		
	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR)			ISO 1133
230°C/2.16 kg	0.30	g/10 min	
230°C/5.0 kg	1.3	g/10 min	
FNCT ¹ (80°C)	> 1	yr	ISO 16770
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant ² (23°C)	1400	MPa	ISO 527-2/1
Tensile Stress (Yield)	36.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield, 23°C	10	%	
Break	500	%	

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
0°C	6.0	kJ/m ²	
23°C	61	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	153	°C	DSC
Injection	Nominal Value	Unit	
Processing (Melt) Temp	200 to 280	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	200 to 230	°C	
NOTE			
1.	4.0 MPa, 2% Arkopal N 100		
2.	Measured after 45 hr		

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