

Hostalen PP H2142 12

Polypropylene Impact Copolymer

LyondellBasell Industries

Message:

Hostalen PP H2142 12 is a compound of polypropylene homopolymer and heterophasic polypropylen copolymer. The material Hostalen PP H2142 12 has been certified by ISO9080 and according to ISO12162 as PP100. For further details about the suitable applications for this material please contact LyondellBasell. Hostalen PP H2142 12 is not intended for medical and pharmaceutical applications.

General Information			
Additive	Antioxidant		
	Carbon Black		
Features	Antioxidant		
	Good Creep Resistance		
	Good Heat Aging Resistance		
	Good UV Resistance		
	Good Weather Resistance		
Uses	Fittings		
	Irrigation Applications		
	Piping		
Appearance	Black		
Processing Method	Injection Molding		
	Pipe Extrusion		
	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.908	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)			ISO 1133
190°C/5.0 kg	0.60	g/10 min	
230°C/2.16 kg	0.30	g/10 min	
230°C/5.0 kg	1.4	g/10 min	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant (23°C)	1400	MPa	ISO 527-2/1
Tensile Stress (Yield, 23°C)	34.0	MPa	ISO 527-2/50
Tensile Strain (Yield, 23°C)	12	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-30°C	3.0	kJ/m ²	

0°C	6.4	kJ/m ²	
23°C	94	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	157	°C	ISO 306/A50
Melting Temperature (DSC)	162	°C	ISO 3146
Additional Information	Nominal Value	Unit	Test Method
MRS Classification	10.0	MPa	ISO 9080
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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