

Hostalen PP XN112-I

Polypropylene Random Copolymer
LyondellBasell Industries

Message:

Hostalen PP XN112-I is a natural colored polypropylene random copolymer.
The product Hostalen PP XN112-I has been classified through ISO9080 and according to ISO12162 as PP112.
The regression curves of Hostalen PP XN112-I are above the reference lines of PP-RCT mentioned in DIN8077, DIN 8078 and EN ISO15874 standards for piping applications under pressure.
For further details about the suitable applications for this material please contact LyondellBasell.
For regulatory information please refer to Hostalen PP XN112-I Product Stewardship Bulletin (PSB).
Hostalen PP XN112-I is not intended for medical and pharmaceutical applications.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Good Organoleptic Properties		
	Random Copolymer		
Uses	Industrial Applications		
	Piping		
	Sheet		
Agency Ratings	ISO 12162 PP112		
	ISO 9080 PP112		
Appearance	Natural Color		
Processing Method	Extrusion		
	Pipe Extrusion		
	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR)			ISO 1133
190°C/5.0 kg	0.40	g/10 min	
230°C/2.16 kg	0.20	g/10 min	
230°C/5.0 kg	1.1	g/10 min	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	800	MPa	ISO 527-2
Tensile Stress (Yield)	24.0	MPa	ISO 527-2
Tensile Strain (Yield)	32	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (0°C)	9.5	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method

Melting Temperature	135	°C	DSC
Additional Information	Nominal Value	Unit	Test Method
MRS Classification	11.2	MPa	ISO 9080
Injection	Nominal Value	Unit	
Processing (Melt) Temp	230 to 280	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	230 to 240	°C	
Calibration Temp, First	35.0 to 40.0	°C	

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