

Hostalen PP H4122 103220

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hostalen PP H4122 103220 is a black coloured polypropylene blockcopolymer.

The product has a high heat stability and extremely high extraction stability.

The material Hostalen PP H4122 103220 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 H4122 103220 is not intended for medical and pharmaceutical applications.

General Information	
Additive	Antioxidant
Features	Antioxidant
	Block Copolymer
	Extraction Resistant
	Good Thermal Stability
Uses	Industrial Applications
	Piping
	Sheet
Appearance	Black
Processing Method	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	0.50	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)	66		ISO 868
Ball Indentation Hardness (H 132/30)	50.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant (23°C)	1300	MPa	ISO 527-2/1
Tensile Stress (Yield, 23°C)	30.0	MPa	ISO 527-2/50
Tensile Strain (Yield, 23°C)	13	%	ISO 527-2/50
Tensile Creep Modulus			ISO 899-1
1 hr	1060	MPa	
1000 hr	500	MPa	

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-30°C	5.8	kJ/m ²	
0°C	18	kJ/m ²	
23°C	110	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	75.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	51.0	°C	ISO 75-2/A
Vicat Softening Temperature			
--	158	°C	ISO 306/A50
--	68.0	°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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