Technical Data Sheet

Hostalen PP H2142 12

Polypropylene, Impact Copolymer

Product Description

Hostalen PP H2142 12 is an heterophasic polypropylene copolymer colored in black. The material *Hostalen* PP H2142 12 has been certified by ISO9080 and according to ISO12162 as PP100. The product is typically used by customers in the application injection molded fittings, in cases when an ISO9080 certification for the material is required. For further details about the suitable applications for this material please contact LyondellBasell.

This grade is not intended for medical and pharmaceutical applications.

This grade is supported for use in drinking water applications.

Application	Fittings; Industrial; Soil & Waste Pipe
Market	Pipe
Processing Method	Injection Molding; Pipe
Attribute	Block Copolymer

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate			
(230 °C/2.16 kg)	0.3	g/10 min	ISO 1133-1
(230 °C/5.0 kg)	1.4	g/10 min	ISO 1133-1
(190 °C/5.0 kg)	0.6	g/10 min	ISO 1133-1
Density	0.908	g/cm³	ISO 1183-1
Mechanical			
Tensile Modulus, (23 °C)	1500	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	34	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	12	%	ISO 527-1, -2
MRS Classification	10	MPa	ISO 9080
Impact			
Charpy Impact Strength - Notched			
(23 °C)	54	kJ/m²	ISO 179-1/1eA
(0 °C)	5	kJ/m²	ISO 179-1/1eA
(-20 °C)	3	kJ/m²	ISO 179
Thermal			
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	92	°C	ISO 75B-1, -2
DSC Melting Point	160	°C	ISO 3146