Technical Data Sheet

Hostalen PP H2222 36

Polypropylene, Impact Copolymer

Product Description

Hostalen PP H2222 36 is a polypropylene blockcopolymer grey colored similar to RAL 7032 (pebble grey) and is typically used by customers in the applications of filter plates. For further details about the suitable applications for this material please contact LyondellBasell.

Regulatory Status

For regulatory compliance information, see *Hostalen* PP H2222 36 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

This grade is not intended for medical and pharmaceutical applications.

This grade is supported for use in drinking water applications.

Status	Commercial: Active
Availability	Europe
Application	Industrial; Plumbing, Heating & Cooling
Market	Industrial, Building & Construction; Pipe
Processing Method	Compression Molding; 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)	1.3	g/10 min	ISO 1133-1
(190 °C/5.0 kg)	0.5	g/10 min	ISO 1133-1
Density	0.912	g/cm³	ISO 1183-1
Mechanical			
Tensile Modulus, (23 °C)	1350	MPa	ISO 527-1, -2
Tensile Stress at Yield	30	MPa	ISO 527-1, -2
Tensile Strain at Yield	12	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	50	kJ/m²	ISO 179
(0 °C)	13	kJ/m²	ISO 179
(-30 °C)	5.8	kJ/m²	ISO 179
Hardness			
Shore Hardness, (Shore D)	67		ISO 868
Thermal			
Vicat Softening Temperature			
(A50)	158	°C	ISO 306
(B50)	81	°C	ISO 306
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	91	°C	ISO 75B-1, -2

DSC Melting Point	165 °C	ISO 3146

Notes

These are typical property values not to be construed as specification limits.