Technical Data Sheet

Hostalen PP H2212 36

Polypropylene, Impact Copolymer

Product Description

Hostalen PP H2212 36 is a polypropylene blockcopolymer grey colored similar to RAL 7032 (pebble grey) and is typically used by customers in the applications of compression molded sheets. The material *Hostalen PP* H2212 36 is not intended for medical and pharmaceutical applications. For further details about the suitable applications for this material please contact LyondellBasell.

This grade is not intended for medical and pharmaceutical applications.

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)	0.45	g/10 min	ISO 1133-1
(230 °C/5.0 kg)	2.1	g/10 min	ISO 1133-1
(190 °C/5.0 kg)	1.2	g/10 min	ISO 1133-1
Density	0.908	g/cm³	ISO 1183-1
Mechanical			
Tensile Modulus, (23 °C)	800	MPa	ISO 527-1, -2
Tensile Stress at Yield	24	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C, 50 mm/min)	26	%	ISO 527-1, -2
Hardness			
Shore Hardness, (Shore D)	57		ISO 868
Ball Indentation Hardness, (H 132/30)	30	MPa	ISO 2039-1
Thermal			
Vicat Softening Temperature			
(A50)	150	°C	ISO 306
(B50)	61	°C	ISO 306
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	68	°C	ISO 75B-1, -2