

Technical Data Sheet

Hostalen PP H2214 36

Polypropylene Compounds



Product Description

Hostalen PP H2214 36 is a random polypropylene copolymer grey colored similar to RAL 7032 (pebble grey) and is typically used by customers in the applications of membranes. The material Hostalen PP H2214 36 is not intended for medical and pharmaceutical applications. For further details about the suitable applications for this material please contact LyondellBasell.

Application	Industrial
Market	Industrial, Building & Construction; Pipe
Processing Method	Injection Molding; Pipe
Attribute	Random Copolymer

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/5.0 kg)	1.85	g/10 min	ISO 1133-1
Mechanical			
Tensile Modulus	470	MPa	ISO 527-1, -2
Tensile Stress at Yield	17	MPa	ISO 527-1, -2
Tensile Strain at Yield	26	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C, Type 1, Edgewise, Notch A)	108	kJ/m ²	ISO 179-1/1eA
(0 °C, Type 1, Edgewise, Notch A)	98	kJ/m ²	ISO 179
(-20 °C, Type 1, Edgewise, Notch A)	9	kJ/m ²	ISO 179
Hardness			
Shore Hardness, (Shore D, 15 sec)	51		ISO 868
Thermal			
Vicat Softening Temperature			
(B/10 N)	117	°C	ISO 306
(A/50 N)	45	°C	ISO 306
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	52	°C	ISO 75B-1, -2

Notes

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

