

Technical Data Sheet

Hostalen PP H2150 304850



Polypropylene, Homopolymer

Product Description

Hostalen PP H2150 304850 is a polypropylene homopolymer, grey colored similar to RAL 7032 (pebble grey) and is typically used by customers in the applications of compression molded filters and sheets. 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	General Sheet Extrusion; Industrial
Market	Industrial, Building & Construction; Pipe
Processing Method	Compression Molding; Pipe; Sheet
Attribute	Homopolymer

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	0.910	g/cm ³	ISO 1183-1
Mechanical			
Tensile Modulus	1500	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	36	MPa	ISO 527-1, -2
Tensile Strain at Yield	10	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	38	kJ/m ²	ISO 179
(0 °C)	5	kJ/m ²	ISO 179
(-20 °C)	3	kJ/m ²	ISO 179
Hardness			
Shore Hardness, (Shore D)	67		ISO 868
Thermal			
Vicat Softening Temperature			
(A50)	156	°C	ISO 306
(A/50)	95	°C	ISO 306
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	90	°C	ISO 75B-1, -2
DSC Melting Point	159	°C	ISO 3146