

Technical Data Sheet

Hostalen PP EPD60R

Polypropylene, Impact Copolymer

Product Description

Hostalen PP EPD60R is a natural polypropylene block copolymer with good toughness and impact strength even at low temperature for extrusion and injection molding applications. Hostalen PP EPD60R is UL-listed: All colors / UL94-HB / min. thickness 1.5 and 3 mm UL- File: QMFZ2.E31765. 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; Soil & Waste Pipe
Market	Industrial, Building & Construction; Pipe
Processing Method	Pipe

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate			
(230 °C/2.16 kg)	0.4	g/10 min	ISO 1133-1
(230 °C/5.0 kg)	1.6	g/10 min	ISO 1133-1
Density	0.90	g/cm ³	ISO 1183-1
Mechanical			
Tensile Modulus, (23 °C)	1100	MPa	ISO 527-1, -2
Tensile Stress at Yield	26	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	15	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	54	kJ/m ²	ISO 179
(0 °C)	18	kJ/m ²	ISO 179
(-30 °C)	3.5	kJ/m ²	ISO 179
Hardness			
Shore Hardness, (Shore D)	60		ISO 868
Thermal			
Vicat Softening Temperature, (A50)	151	°C	ISO 306