

Technical Data Sheet

Hostalen PP H2493



Polypropylene, Impact Copolymer

Product Description

Hostalen PP H2493 is a natural polypropylene copolymer with outstanding mechanical properties balance. The product is typically used by customers in the application of solid and structured wall pipes for underground drainage and sewage systems. The product can enable customers to reach the highest pipe ring stiffness classes by keeping good impact strength for installations at room temperature and in particular at sub-zero temperatures. The product mechanical balance provides also the option of down gauging and producing lighter pipes. For further details about the suitable applications for this material please contact LyondellBasell.

This grade is not intended for medical and pharmaceutical applications.

Application	Soil & Waste Pipe
Market	Pipe
Processing Method	Pipe; Sheet
Attribute	Antioxidant; Block Copolymer

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate			
(230 °C/2.16 kg)	0.32	g/10 min	ISO 1133-1
(230 °C/5.0 kg)	1.5	g/10 min	ISO 1133-1
Density	0.900	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus	2050	MPa	ISO 178
Tensile Stress at Yield	38	MPa	ISO 527-1, -2
Tensile Strain at Yield	8	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	45	kJ/m ²	ISO 179
(0 °C)	4	kJ/m ²	ISO 179
(-20 °C)	3	kJ/m ²	ISO 179
(-30 °C)	2.5	kJ/m ²	ISO 179