

Polybutene-1 PB 0110M

PB

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	12	g/10min	ISO 1133
MFI temperature	190	°C	-
MFI load	10	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Yield stress	19.5	MPa	ISO 527
Stress at Break	35	MPa	ISO 527
Strain at Break	>50	%	ISO 527
Flexural Modulus (23 °C)	450	MPa	ISO 178

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	914	kg/m³	ISO 1183

Characteristics

Processing

Film Extrusion, Blown Film Extrusion

Features

Blending Resin, Creep Resistance, Homopolymer

Chemical Resistance

Environmental Stress Crack Resistance

Certifications

Food approval, Food approval 1935/2004/EC, Food approval 10/2011, Food Contact (FDA)

Applications

Packaging

Disclaimer

Liability Exclusion

These guide values are measured and provided by the product manufacturer and have been determined on standardised test specimens and can be affected by pigmentation, mould design and processing conditions. M-Base has taken the guide values from the producer's original Technical Data Sheet. **ALBIS AND M-BASE ARE THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THE GUIDE VALUES AND CANNOT GIVE ANY WARRANTY WITH REGARD TO THEIR CORRECTNESS.**

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