

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/m ³	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