

Toppyl PB 8640M PB

LyondellBasell Industries

Polybutene-1 (PB-1) grade Toppyl PB 8640M is a random copolymer of butene-1 with low ethylene content.

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	1	g/10min	ISO 1133
MFI temperature	190	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Flexural Modulus (23°C)	250	MPa	ISO 178
Stress at Break	30	MPa	ISO 8986-2
Strain at Break	300	%	ISO 8986-2

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Melting Temperature (10°C/min)	113	°C	ISO 11357-1/-3

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	906	kg/m³	ISO 1183

Processing Recommendation Extrusion	Value	Unit	Test Standard
Type of extrusion	blown	-	-
Melt temperature	180 - 260	°C	-

Characteristics

Processing

Film Extrusion, Blown Film Extrusion

Features

Blending Resin, Heat Sealable, Copolymer, Random Copolymer

Certifications

Food approval

Applications

Packaging