

Moplen EP2967

PP COPO

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	0.85	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Yield stress	26	MPa	ISO 527
Yield strain	14	%	ISO 527
Stress at Break	31	MPa	ISO 527
Strain at Break	>50	%	ISO 527
Notched Impact Strength (Charpy), +23°C	70	kJ/m ²	ISO 179/1eA
Flexural Modulus (23°C)	1070	MPa	ISO 178

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (0.45 MPa)	83	°C	ISO 75-1/-2
Vicat softening temperature A	152	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	900	kg/m ³	ISO 1183

Film Properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Break, TD	16	MPa	ASTM D 882
Elongation at Yield, TD	63	MPa	ASTM D 882
Thickness of specimen	830	%	ASTM D 882
Type of extrusion	blown	-	-
Thickness of specimen	0.05	mm	-

Optical Properties	Value	Unit	Test Standard
ASTM Data			
Gloss	17	-	ASTM D 2457
Haze	48	%	ASTM D 1003

Characteristics

Processing

Blow Molding, Blown Film Extrusion

Certifications

Food approval

Features

Good Adhesion, Copolymer, Impact Copolymer

Applications

Packaging