

Moplen EP2967

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	0.85	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
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
Flexural modulus, 23°C	1070	MPa	ISO 178
Charpy notched impact strength, +23°C	70	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	83	°C	ISO 75-1/-2
Vicat softening temperature, A	152	°C	ISO 306
Optical properties			
ASTM Data			
Gloss	17	-	ASTM D 2457
Haze	48	%	ASTM D 1003
Other properties			
Density	900	kg/m ³	ISO 1183
Film Properties			
ASTM Data			
Tensile Strength at Yield, MD	16	MPa	ASTM D 882
Tensile Strength at Break, MD	63	MPa	ASTM D 882
Elongation at Break, MD	830	%	ASTM D 882
Type of extrusion	blown	-	-
Thickness of specimen	0.05	mm	-

Characteristics**Processing**

Blown Film Extrusion, Blow Molding

Features

Good Adhesion, Copolymer, Impact Copolymer

Certifications

Food contact

Applications

Packaging

Regional Availability

Europe, Near East/Africa