

**Moplen EP222D**

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	0.9	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Yield stress	26	MPa	ISO 527
Yield strain	14	%	ISO 527
Stress at break	31	MPa	ISO 527
Strain at break	500	%	ISO 527
Flexural modulus, 23°C	1070	MPa	ISO 178
Charpy notched impact strength, +23°C	70	kJ/m <sup>2</sup>	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	83	°C	ISO 75-1/-2
Vicat softening temperature, B	152	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	900	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Blown Film Extrusion, Film Extrusion, Pipe/Tube Extrusion, Blow Molding

**Special Characteristics**

High impact or impact modified

**Features**

Good Adhesion, Heat Sealable, Copolymer, Impact Copolymer

**Certifications**

Food contact

**Applications**

Packaging

**Regional Availability**

Europe, Near East/Africa