

Moplen EP310D

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	0.95	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	26	MPa	ISO 527
Yield strain	13	%	ISO 527
Stress at break	30	MPa	ISO 527
Strain at break	600	%	ISO 527
Flexural modulus, 23°C	1080	MPa	ISO 178
Charpy notched impact strength, +23°C	60	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	80	°C	ISO 75-1/-2
Vicat softening temperature, A	150	°C	ISO 306

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

Characteristics**Processing**

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

Delivery form

Pellets

Special Characteristics

High impact or impact modified

Features

Copolymer, Impact Copolymer

Certifications

Food contact, Food approval 1935/2004/EC, Food approval 10/2011, Food approval FDA 21 CFR, Food contact notification (FCN)

Applications

Packaging

Regional Availability

Europe, Near East/Africa