

Moplen EP300M

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	7	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Yield stress	21.5	MPa	ISO 527
Yield strain	7	%	ISO 527
Stress at break	17.5	MPa	ISO 527
Strain at break	600	%	ISO 527
Flexural modulus, 23°C	1000	MPa	ISO 178
Charpy notched impact strength, +23°C	45	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	163	°C	ISO 11357-1/-3
Temp. of deflection under load, 0.45 MPa	77	°C	ISO 75-1/-2
Vicat softening temperature, A	143	°C	ISO 306
Other properties			
Density	890	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Special Characteristics

High impact or impact modified

Features

Copolymer, Impact Copolymer

Applications

Automotive, Packaging

Regional Availability

Europe, Near East/Africa