

**Moplen EP300N**

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	15	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Yield stress	24	MPa	ISO 527
Yield strain	7	%	ISO 527
Stress at break	17	MPa	ISO 527
Strain at break	400	%	ISO 527
Flexural modulus, 23°C	1150	MPa	ISO 178
Charpy notched impact strength, +23°C	10	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	163	°C	ISO 11357-1/-3
Temp. of deflection under load, 0.45 MPa	78	°C	ISO 75-1/-2
Vicat softening temperature, A	148	°C	ISO 306
<b>Other properties</b>			
Density	890	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

High impact or impact modified

**Features**

Copolymer, Impact Copolymer

**Applications**

Automotive, Packaging

**Regional Availability**

Europe